Washington Talks It Over—page 5

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November 24, 1941

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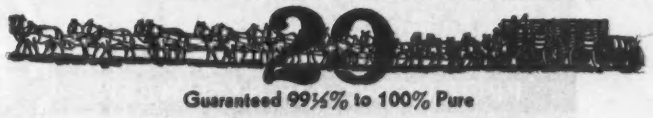

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We invite you to investigate these chemical newcomers in your own laboratory. While the present supply is strictly limited, it is possible that commercial quantities will be made in the future if important uses develop.

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. . . is a practically colorless liquid, which shows promise as a high-boiling solvent (250°C.) in printing inks, and cellulose ester and synthetic resin coatings. It has a specific gravity of 1.1159, and is completely miscible with water.

MONOISOPROPANOLAMINE

$CH_3CH(OH)CH_2NH_2$

. . . is a moderately viscous liquid with a boiling point of 45°C. at 5mm. It has possible use in the manufacture of pharmaceuticals, emulsifying agents for polishes, textile specialties, leather compounds, insecticides, cutting oils, and water paints. It has a specific gravity of 0.981, and is completely miscible with water.

DICHLORETHYL FORMAL

$CH_2(OCH_2CH_2Cl)_2$

. . . is a water insoluble liquid which boils at 218.1°C., and is suggested as a high-boiling solvent for cellulose derivatives, fats, oils, and resins, and for the synthesis of rubber accelerators, insecticides, and elastomers. Under acid conditions, it is a source of nascent formaldehyde. Its physical properties include: specific gravity, 1.2339; vapor pressure at 20°C., 0.1 mm.; flash point, 230°F.

N-METHYLMORPHOLINE

$\underline{CH_2CH_2OCH_2CH_2}NCH_3$

. . . is completely miscible with water and benzene, and is potentially useful in the preparation of emulsifying agents for polishes benefited by the use of an emulsifier that becomes ineffective on drying. It forms a constant boiling mixture which contains 25 per cent water and boils at 97°C. The compound has a specific gravity of 0.916, and a boiling point of 115.4°C.

HEXYL ETHER

$C_6H_{13}OC_6H_{13}$

. . . is a mild-odored, stable liquid which boils at 226.2°C. and has good anti-foam properties. Its extremely low water solubility and lack of odor make it a convenient medium for chemical reactions carried out in an anhydrous ethereal vehicle. Its specific gravity is 0.7942; its flash point, 170°F.

For information concerning the use of these chemicals, address:

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Chlorine Use in Paper Industry Curtailed

OPD Washington Bureau
November 17, 1941

A decreased use of chlorine in the manufacture of pulp, paper and paperboard, effective immediately, was ordered today by the Director of Priorities, in General Limitation Order L-11. It is expected the order will save 60,000 tons of chlorine annually, which is half the new chlorine entering the paper manufacturing industry annually.

—*Continued on page* 31

Formaldehyde, Resins Order M-25 Amended

OPD Washington Bureau
November 17, 1941

Two new amendments to General Preference Order M-25, governing the supply and distribution of formaldehydes and the synthetic resins made from them, were announced today by the Priorities Division.

Amendment No. 3 places bases for radio tubes under classification 1 of the permitted uses, as no suitable substitute for plastics for this purpose has been discovered. This classification means that deliveries of the resins for the production of bases are assigned a rating of B-4.

Amendment No. 4 assigns a preference rating of B-8 to deliveries of synthetic resins molding powder to radio manufacturers in the amounts required to produce molded cabinets for their existing inventories of radio chassis. Radio manufacturers who produce their own synthetic resins molding powder may use it in the amounts required for the same purpose.

Container Makers To Get Raw Materials

OPD Washington Bureau
November 17, 1941

Two orders, designed to make possible the speedy manufacture of steel drums for overseas shipment of gasoline, oil and other petroleum products, were issued today by the Priorities Division, and are effective immediately.

Under General Preference Order M-45, manufacturers of steel drums will be required to set aside a specified inventory of the 16 and 18-gauge hot-rolled sheet steel from which the drums are made. This inventory is to be used only upon specific order of the Director of Priorities. The companion order, making up the other half of the

—*Continued on page* 58

N.A.I.D.M. to Hold Container Symposium

The twenty-eighth annual meeting of the National Association of Insecticide and Disinfectant Manufacturers, to be held in the Hotel Roosevelt, this city, December 1 and 2 will be addressed by a number of Federal government officials, including Dr. D. P. Morgan, of the Chemicals Section of the Priorities Division of the Office of Production Management; Dr. A. E. Back, of the Bureau of Entomology and Plant Quarantine, and several enforcement officials.

The meeting will also feature a symposium on containers, in which four experts in their respective fields will discuss the situation on containers for manufacturers of insecticides, disinfectants and other sanitary specialties. Following the discussions

—*Continued on page* 51

Gypsum Trust Suit Ends in Acquitals

OPD Washington Bureau
November 21, 1941

A directed verdict acquitting five firms and eight individuals in the gypsum industry of charges of violation of the Sherman antitrust law, was entered in United States District Court here by Justice T. Alan Goldsborough. The directed verdict came after a five-weeks' trial during which the Department of Justice endeavored to prove that the defendants were guilty of three counts of conspiring to fix prices in violation of the law. Justice Goldsborough directed the verdict for the defendants after he ruled that the government had not produced sufficient evidence to substantiate the charges of conspiracy in restraint of trade.

Companies acquitted were the United States Gypsum Company, Chicago; Certain-Teed Products Corporation, New York; National Gypsum Company, Buffalo; Ebsary Gypsum Company, New York; and Newark Plaster Company, Newark. Individuals acquitted were O. M. Knode, president; W. L. Keady, H. F. Sadler, S. F. Bartlett, and E. A. Gallagher, all of the United States Gypsum Company; M. H. Baker and R. H. Burley of the National Gypsum Company, and A. R. Black.

Fibre Box Specifications Revised by Railroads

In commenting on the revision of the specifications for construction of solid, double-faced, and double-wall corrugated boxes, published by the Consolidated Classification Committee of the American Railway Association, E. A. Leveille, chairman of the traffic committee of the National Paint Varnish and Lacquer Association said:—

The new specifications impart a degree of flexibility and simplification which combined with a reduction in caliper will conserve pulp resources and produce manufacturing economies. The 90-pound box in doube-faced corrugated fibreboard made currently of two 30 (total 60 points) facings, may under the new regulations have a minimum combined thickness of 46 points—a reduction of 20 percent. In the solid fibreboard the caliper is reduced from 100 to 90-point board. The double-wall corrugated boxes may have a combined thickness of 41 points, formerly 48. The minimum test per square inch of combined board, either solid, corrugated, or double-wall, continues at 275 pounds.

Double-Wall Reduced

The 65-pound box in double-faced corrugated fiber board may, under the new rule, caliper 32 points combined. In the solid the minimum thickness is reduced to 70 points, formerly 80, and the double-wall, heretofore constructed of three 16-point facings, total 48, is now reduced to 33 points. The minimum test 200 pounds per square inch is continued. Specifications for the 40-pound box have been slightly reduced and another box added.

The 120-pound box is double-faced corrugated with the minimum combined thickness 60 points, and in the solid fibreboard 100 points; the same caliper heretofore required for the 90-pound box. The double-wall formerly 76 points is reduced to 48 points and the minimum test for the 120-pound box is 350 pounds for either double-faced, solid, or double-wall corrugated boxes.

Fertilizer Ass'n Discusses Demand, Supplies, Prices

Atlanta, Ga., November 19, 1941

Basic materials and production capacity are sufficient to meet the potential 1942 demand for fertilizers, John A. Miller, president of the Price Chemical Company and president of National Fertilizer Association, declared at the seventeenth annual Southern convention of the National Fertilizer Association, held in the Atlanta-Biltmore hotel, November 17-19. Transportation facilities, Mr. Mille said, would be the probable bottlenecks in the industry during the next year. In describing the outlook for basic fertilizers, Mr. Miller said:—

As to nitrogen, if ships can be made available for the importation of a portion of our supplies from Chile and the deflection of nitrogen fixation capacity within the country to other industrial requirements is not too great, it is believed that from 85 to 90 percent of the 1941 consumption of nitrogen will be provided.

In superphosphate, the transportation of phosphate rock and a sufficient supply of sulphuric acid needed for the acidulation of superphosphate are the probable bottlenecks.

As to potash, about 500,000 tons of refined salts and from 35,000 to 50,000 tons of run-of-mine salts will be available from American producers. If transportation bottlenecks do not operate too severely, the national need will be adequately supplied.

T. E. Milliman, of the Office of Price Administration, in his talk, "Fertilizer Industry Adjustments During the Emergency," spoke of fertilizer prices which, according to the Department of Agriculture, are lower than most all the commodities which a farmer buys.

What Price Fertilizer

The price levels at which fertilizers and fertilizer materials moved to the farm during the Spring and Fall of 1941 were within the reach of most classes of farmers, Mr. Milliman said. Moving back, he said, from the farms to the local dealers and agents, we find that for the most part normal retail margins prevailed. He added:—

Moving further back from the dealer to the factory, the price situation that prevailed allows the statement that here, too, normal margins of production, overhead, and selling costs were the rule. Moving all the way back to essential materials we find that prices of nitrogen and potash were reasonable, and mixers

—*Continued on page* 61

A.P.M.A. to Discuss Priorities, Prices

Priorities, allocations and price actions will be discussed, as well as the reading of many scientific papers and reports, at the midyear meeting of the American Pharmaceutical Manufacturers' Association, to be held in the Mayflower hotel, Washington, December 8 and 9.

A session devoted to scientific papers and reports scheduled for December 8, with the said session in charge of Dr. F. B. Fisk, chairman of the contact committee, and Dr. C. W. Sondern, chairman of the research board. The afternoon session of December 9 will be devoted to awarding the 1941 APMA scientific prize to Dr. Tom Douglas Spies for his fundamental scientific work on vitamin therapy. Dr. Morris Fishbein, of the American Medical Association, will make the presentation address.

Other speakers at the two-day meeting include Federal Security Administrator Paul V. McNutt, Charles Wesley Dunn, general counsel for the association; Dr. J. J. Durrett, of the Federal Trade Commission, and several representatives of the Food and Drug Administration.

Dr. Tom Spies Gets 1941 A.P.M.A. Award

Dr. Tom D. Spies, associate professor of medicine at the University of Cincinnati School of Medicine, has been named for the 1941 award of the American Pharmaceutical Manufacturers Association. Dr. Spies received the award for his outstanding contributions to the knowledge of the value of the B-complex vitamins, particularly nicotinic acid, thiamine and riboflavins, as pharmaceuticals important in the treatment of diseases.

Presentation of the award will be made at December 8 afternoon session at the midyear meeting of the association, in the Mayflower hotel, Washington. Dr. Morris Fishbein, of the American Medical Association, will make the presentation address. Other addresses dealing with vitamin therapy will be made by Dr. Thomas Parran, surgeon general of the United States Public Health Service; Dr. M. L. Wilson, United States Department of Agriculture; Dr. George R. Cowgill, associate professor of physiological chemistry, Yale Medical School; Dr. W. H. Sebrell, chief, Division of Chemotherapy, National Institute of Health, and Dr. G. A. Harrop, director of the Squibb Institute for Medical Research.

U.S.P. Convention Called for April 7

The adjourned session of the 1940 United States Pharmacopeial Convention will be convened April 7, 1942, in the Statler hotel, Cleveland, Ohio. This reconvening has been called by the board of trustees for the original convention's stated purpose to receive the report of the special committee on constitution and by-laws. This report will be issued in advance in order

—*Continued on page* 50

Materials Supplies for Civilian Use Forecast

Civilian requirements will be unable to get any of certain materials as early as next year, and priorities will not wholly be eliminated under the coming allocations plan, according to results of a study of the operations of OPM, SPAB, and other governmental agencies in the program of national defense given by the Research Institution of America, this city, in a report said to have been prepared in consultation with responsible Washington authorities.

Here is the way the future of priorities looks to the institute's experts:—

The entire priorities system is moving swiftly from emphasis on ratings and ordering of production to emphasis on tight control over available supplies and careful release of those supplies where they will do the most good in the defense effort. The Supply Priorities and Allocation Board has declared for an all-out allocations program. The aim is to obtain month-by-month requirements of critical materials needed for the production of military, civilian, and industrial items and essential public services.

Similar requirements are to be marked out for repair parts and capital expenditures. This will be matched by detailed inventory of available scarce materials. Tight, blanket control for most scarce

—*Continued from page* 26

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals, oils, and drugs is currently as follows:—

Nov. 21, 1941.	Nov. 14, 1941.	Nov. 22, 1940.
135.6	134.6	106.4

Botanical drugs, spices, and gums got a big boost during the week; essential oils and aromatic chemicals are up somewhat from the preceding week; oils, fats, and waxes are again down a little. All other groups are unchanged.

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Bids Wanted

Detergent:—60,000 pounds of dish washing compound; Quartermaster Marine Corps., Washington; schedule 935, opening November 24.

Diphenylamine:—100,000 pounds; Bureau of Supplies and Accounts, Navy Department, White Plains, Md.; schedule 9481, opening November 26.

Lard Oil:—1,000 gallons; Commanding General, Frankford Arsenal, Pa.; invitation 234, opening November 24.

Putty:—2,500 pounds linseed oil putty;

S.O.C.M.A. to Hold Annual Meeting Dec. 9

The Synthetic Organic Chemical Manufacturers Association will hold its twentieth annual meeting in the Chemists' Club, this city, December 9. The schedule of the meeting calls for a board meeting at 4:30 p.m.; executive business meeting, 5 p.m.; cocktail hour, 5:30 p.m. and an informal dinner at 6:30 p.m. Strickland Gillilan will speak on 'The Low-Down on Washington Higher-Ups." Charles A. Mac, secretary of the association, 260 West Broadway, this city, is in charge of arrangements.

Research Symposium To Be Held December 1

A symposium on research will feature the Fall meeting of the American Society of Agricultural Engineers, in the Stevens hotel, Chicago, December 1 to 3. Dr. Anson Hayes, director of research for the American Rolling Mills, will open the symposium with the topic, "Some Agricultural and Industrial Research Parallels." Other speakers of the symposium will include the following:—

W. E. Kuhn, the Texas Co.; Geo. W. Kable, Electricity on the Farm; Dr. M. L. Nichols, Soil Conservation Service

—*Continued on page* 58

OPM Health Supplies Branch Headed by Bristol

Douglas C. MacKeachie, Director of Purchases, today announced the creation of two new industrial branches in the Division of Purchases of the Office of Production Management. The branches were created by splitting the Health Supplies and Fire Equipment Branch, whose responsibilities had become both too diverse and too extensive to be grouped in one branch.

The new Health Supplies Branch will have jurisdiction over drugs, medicines, surgical supplies, dental supplies, hospital supplies, toilet goods and cosmetics. The chief of this branch is William M. Bristol, jr., assistant director of purchases, who has come to OPM on leave of absence from the Bristol-Myers Company of Hillside, N. J.

U.S. Buys Pine Oil

The Surplus Marketing Administration has purchased 79,000 gallons of pine oils and almost 8,500,000 pounds of wood rosin. The purchases were made from bids submitted November 17, and is for use under the Lend-Lease program. Purchases were as follows:—Pine oil, 38,286,624 gallons; retor pine tar, 30,000 gallons; pine tar oil, 11,000 gallons; wood rosin FF, 7,427,250 pounds; and wood rosin K, 1,000,000 pounds.

Contents of This Issue

News and Statistics

Alcohol Tax Refund Again Proposed 5
Aluminum Production Pushed at Maseena 44
Anhydrous Ammonia Plant Opened in West Va..... 58
A.P.M.A. to Discuss Priorities, Prices 3
Aviation 'Gas' Plants Given High Priority Rating 57
Biddle, Sawyer & Co. Opens N. Y. Branch 52
Buffalo Paint Club Discusses Resins 37
Borden Forms Vitamin Div. and Buys Fish Livers Company..... 54
Balto. Production Club Installs New Officers 44
Chemical Show Meeting to Discuss Prices 4
Chlorine Use in Paper Industry Curtailed 3
Columbia Pharmacy Alumni First Aid Course Started..... 52
Container Makers to Get Raw Needs 3
Chemical Plants Expansion Approved 38
Dairy Co-Ops Voice 'Mad' at Margarin 5
DCAT Elects Executive Committee 5
Devoe & Raynolds Transfers Moss To N.Y. Purchasing Dept. 44
Diamond Alkali Forms Magnesium Subsidiary 58
Exporters Urged to Fill South American Orders 62
Formaldehyde, Resins Order M-25 Amended 3
Fibre Box Specifications Revised by Railroads 3
Fertilizer Ass'n Discusses Demand, Supplies, Prices 3
Gathercoal Retires..... 51
Gypsum Trust Suit Ends in Acquittals 3
Habit-Forming Drug Labeling Defined 5
Hinde & Dauch Co. Loans G. T. Hendersen to OPM..... 52
Iceland Trade Pact to Be Negotiated 4
Laboratory Chemicals Producers Get A-5 Rating 4
Materials Supplies for Civilian Use Forecast 3
McK. & R. Declares 25c. on Common Stock 51
N.A.I.D.M. to Hold Container Symposium 3
Navicert Filled Quotas List Augmented 61
OPA Appoints Six to Price Review Posts 37
OPM Copper Branch Headed by Uebelacker 5
OPM Purchase Div. Names Drew Hides Research Chief 39
Paint Priorities Clinic Participants Names Asked 43
Pillsbury Names Holland Research Adviser 39
Pehuajo Is in Argentina..... 54
'Priorities' Discusses Alcohol 54
Research Symposium to Be Held December 1 4
S.O.C.M.A. to Hold Annual Meeting Dec. 9 4
Spies Gets 1941 A.P.M.A. Award.. 3
Steel Barrel Output Up 38
Salt Freights Revised 38
Sager Joins Glyco 54
Soybean Freights Revised 47
Tax Amortization Deadline November 29 37
U.S. to Erect High Explosives Plant In Newport, Ind. 39
U.S.P. Convention Called for April 7 3
Venezuelan Oil Co. Loan Proposed By Consolidated Co. 61
Washington Talks It Over 5
Zinc Sales Above Ceiling Hit by OPA 5

General Features

Advertisers' Index..... 63
Bids Wanted 4
Chemical Price Trends..... 4
Classified Advertisements..... 62
Clasing Market Developments... 4
Contracts Awarded..... —
Corporation Earnings..... —
Defense Contract Awards..... 62
Dividends Declared..... —
Editorials 28
Foreign Trade Openings..... —
Foreign Trade Rules..... 61
Industrial Uses of Chemicals.... 7
Obituaries 34
OPD Price Index..... 4
Prices Current..... 9
Scientific Professional Services... 58
Trade News Briefs.....47, 52
Washington Talks It Over..... 5
What You Can Use..... 56
Where You Can Sell..... 7

Market Reports

Botanical Drugs, Spices, Gums... 53
Coaltar Chemicals..... 36
Drugs and Fine Chemicals..... 49
Dyestuff, Textile and Leather Chemicals 39
Essential Oils and Aromatics.... 55
Fertilizer Materials..... 59
Heavy Chemicals..... 30
Oils, Fats and Waxes..... 45
Paint, Varnish and Lacquer Materials 41
Petroleum Products..... 57

Shipping Information

Cargo Ship Arrivals..... —
Charters ..... —
Coastwise Shipments..... 61
Exports 61
Imports 60
Imports Detained..... 61

Chemical Price Level Hoisted

There was a goodly boost of the price level of chemicals, oils, and drugs last week, most of the influence being exerted in the botanical section, and some in aromatics. Vegetable oils were lower.

Demand showed greater activity, but could not bring out any larger supplies; in fact, defense takings pared still more from what could be devoted to civilian uses. The approaching dawn of "Allocation Day" was viewed with a variety of feelings. As nobody, not even those who are to direct the functionings, knew what would be done or attempted, or how, the future was regarded almost wholly on an if-as-and-when basis. Still, such contract schedules as were being issued for 1942 made no initial change in prices.

Prices were advanced on belladonna root and leaf, jalap, valerian, oils of anise, peppermint, citronella, lemongrass, and geranium, Argentine casein, gum rosins, adeps lanae, degras, and a number of spices, essential oils, and botanical drugs of secondary importance.

Prices were reduced on tapioca flour, gum turpentine, crude cottonseed oil and several similar oils, henbane, stramonium, ginger, anise, and a variety of drug and condimental botanicals.

The result of the changes is shown in the *OPD Price Index* at the top of the column on the left.

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Laboratory Chemicals Producers Get A-5

OPD Washington Bureau
November 17, 1941

In a move to broaden the assistance already extended to research laboratories, the Priorities Division today issued an order assigning a preference rating of A-5 to acquisition of the scarce materials required by manufacturers of the necessary laboratory chemicals and equipment. The order is effective immediately.

Producers who supply laboratories engaged in research, testing, analysis, and in plant control studies, as well as clinical and college and high school laboratories, are covered by the order. The rating is applicable to material

—*Continued on page* 58

Archer-Daniels Names Platt to Tomlinson Post

W. F. Platt, jr., has been named Eastern division salesmanager for the Archer-Daniels-Midland Company. He succeeds G. H. Tomlinson, who is retir-

Blank & Stoller

W. F. Platt, jr.

ing from active business. Mr. Platt has been manager of the company's Philadelphia office.

Other changes in the Eastern offices include the appointment of E. W. Kaufman as manager of the Philadelphia office, Harry A. Pope named to head the New York office, with Walter C. Doscher as his assistant. The sales and personnel of the New York office of Archer-Daniels-Midland Company

—*Continued on page* 47

Paraffin Wax Price Ceiling Base 4.25c

OPD Washington Bureau
November 21, 1941

Maximum price ceiling on paraffin wax was announced today by Price Administrator Leon Henderson. Under the new schedule prices for white and yellow crude wax range from 4.25 cents per pound, in loosely packed barrel shipments, to 5.25 cents per pound, the variation being dependent upon the melting point. Prices for semi-refined waxes are within the same range. Fully refined wax maximums range from 5 cents per pound for wax with a melting point of 120-122 A.M.P. to 10.5 cents for wax with a melting point of 149-151 A.M.P.

Iceland Trade Pact To Be Negotiated

OPD Washington Bureau
November 21, 1941

Notice of intention to negotiate a tariff bargain (trade agreement) with the government of Iceland has been issued by Secretary of State Cordell Hull. At the same time the Committee for Reciprocity Information issued a public notice announcing public hearings on the proposed agreement December 15. The closing date for briefs and for applications to be heard is December 8.

—*Continued on page* 61

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

"Allocations" is the big word in defense these days and nobody knows exactly what it means.

Even the OPM experts who are planning to put it into effect can't yet say just how it will apply to a given commodity or industry. For several months OPM has been working toward putting more emphasis on the allocation of materials to uses and less on granting preference ratings to users for materials. Now SPAB has directed OPM to prepare to apply allocation systems to all important critical materials.

The system will be put into effect gradually and emperically, and much trial and error is in prospect.

Businessmen seem to have the idea that "priorities" are out the window and "allocations" have been substituted over night, and that now all they have to do to get some material is to ask OPM for an allocation. This is not the case. Nondefense uses, by and large, will get less material when the allocation system gets to working than they are now able to get under the catch-as-catch-can preference rating system. There will be no sudden change-over; allocations is an objective toward which OPM is working and is far from a full-fledged system.

Allocation by Plants

Several commodities have been subject to allocations to a greater or less degree ever since the priorities system got under way, but this has been a plant-by-plant allocation. A number of commodities have recently been placed under allocation systems of this type. Phenol and cobalt are examples.

The Director of Priorities tells producers where to ship such commodities and in what quantities each month, and inventories of users are checked and restricted.

Where plant allocations are in effect, defense needs may get 100 percent of the supply in one or several months, and other users have no assurance that they will get any at all even though they have high preference ratings.

Allocation by Industries

The general industry allocation plan toward which OPM is working is a different concept. The hope is to work out supply and demand figures for critical materials for a year, or at least several months, in advance so that every industry will know how much, if any, it will get for a given production period. After that the allotment will be divided up among competing units within each industry.

Theoretically each industry and company will have pretty definite assurance that it will be able to obtain its allocation as scheduled, and can plan production accordingly. In actual practice there are bound to be many hitches and disappointments. The farm machinery industry is currently a guinea-pig for allocations, and lessons learned there will be applied to other industries.

Before industry allocation can be applied generally, OPM must get figures on the available supply of every critical material during 1942, determine how much will be needed by army, navy, lend-lease, and other defense contracts, and then apportion the remainder among other seekers on the basis of the greatest good for the greatest number.

This is enough of a job, but there are other complications. For instance, it would do no good to give a certain industry an allocation of steel if its product can't be made without copper and no copper can be spared for that industry.

Industry Committees

OPM industry committees have been mentioned as giving valuable assistance in the new allocations system. This has conveyed the impression that an industry may have the say as to how much of what it will get and how it is to be divided among competitors.

This will not come to pass.

OPM's industry committees are strictly advisory, and there is no intention of giving them any real power or authority. Under the clearing arrangement worked out with the antitrust division, the industry committees can't give any advice unless it is asked in writing—and OPM doesn't have to take the advice.

After OPM makes a decision, it is OPM that carries it out. Industry advice will be used in making allocations, but full-time government employees will do the allocating.

To this end OPM is making some personnel shifts in its commodity sections and rearranging their work so that they will be in better shape to handle allocations. Adequate personnel will be the bottleneck in the allocations system.

Oil Provides Most TNT

Toluene needs for the production of TNT explosives are being met 70 percent by the petroleum industry under the emergency program, while only 30 percent is being supplied by coal carbonization, the ordinary method of making this principal ingredient of TNT. At the present time, annual production of toluene is approximately 100,000,000 gallons: plans in prospect would double this capacity. Further expansion in production also is expected to come from petroleum rather than coal because of the much higher yield, ranging in the case of selected fractions up to 50 percent, while toluene obtained in making coke runs only about three pounds per ton of coal.

Why There Are Shortages

OPM spends a lot of time explaining to businessmen that it is not responsible for many of the shortages they blame on it. Complaints pour in that OPM is putting people out of business because of a shortage of something that is not under priority control at all, and perhaps not even used in any defense activity.

The explanation is that the sharp increase in the level of industrial activity has created demands for more of everything, and there would be serious shortages even if there were no defense program.

This is one reason the administration wants to curtail civilian consumption. In addition to preventing price inflation, such curtailment will reduce demands for the less essential uses of ordinary commodities and let available supplies go into normal channels.

Inventories Must Be Told

Indications of the way OPM will handle inventory control has been given in recent allocation orders containing drastic reporting provisions of stocks on hand. The magnesium order, for instance, requires monthly reports on all magnesium inventories, on all scrap, and even on all products containing any magnesium.

In addition to producers, dealers and users of magnesium, bailees, warehousemen, or other persons holding magnesium for the beneficial interest of another person is required to make the reports. Failure to do so is considered as a report that no magnesium is being held, and violations of the order will be prosecuted under the criminal provisions of the priorities act.

Naming 'Habit' Drugs

While FDA has acceded to trade objections against designating registered trademarks as common or usual names which must be used on the labels of habit-forming drugs, the controversy is not ended. The trade

—*Continued on page* 37

Habit-Forming Drug Labeling Defined

OPD Washington Bureau
November 17, 1941

Regulations governing the labeling of derivatives of habit-forming drugs have been published by the Food and Drug Administration in a form different from that on which hearings were held last February. The controversial provision which would have designated registered trademarks as common names has been eliminated.

The regulations were published in two parts:—(1) A general regulation, effective immediately, amending previous regulations under section 502(d) of the food, drug, and cosmetic act, and (2) a proposed regulation, subject to revision on objections filed within twenty days, listing derivatives found to be habit-forming.

The list of derivatives does not designate common names as such, but lists names, some of which are trademarks. The general regulation requires a habit-forming drug or derivative to be labeled with its common or usual name unless it is an official preparation.

An exemption is given to chlorobutanol when used in small amounts as a preservative or analgesic.

Alcohol Tax Refund Again Proposed

OPD Washington Bureau
November 19, 1941

Rep. August A. Andresen and Rep. Harold Knutson both of Minnesota, and Rep. Estes Kefauver and Rep. B. Carroll Reece, both of Tennessee, have, in some sort of intrastate rivalry, introduced in the house indentically worded bills (respectively H.R. 6025 and H.R. 6029; H.R. 6053 and H.R. 6055) designed to amend section 2800 of the internal revenue code so as to provide as follows for the refunding of $1 of the proof-gallon tax on "distilled spirits" used in making an article sold for nonbeverage purposes:

(j) The commissioner shall, upon the filing of a claim therefor, make refund of the distilled spirits tax, imposed by section (a) (1) hereof, at the rate of $1 per proof gallon, to any person who subsequent to the effective date hereof has used distilled spirits, produced in a domestic registered distillery or industrial alcohol plant, in the manufacture or production of an article intended for use for nonbeverage purposes, upon proof by him to the satisfaction of the Commissioner that such distilled spirits (1) were produced in a domestic registered distillery or industrial alcohol plant; (2) were fully taxpaid; (3) were used by him in the manufacture or production of an article intended by him for use for nonbeverage purposes and such article was sold by him for such purposes; and (4) that he has not shifted to others to any extent the burden of that portion of the tax included in such claim for refund. Such claim shall be filed with the commissioner within ninety days from the date the applicant sells the product for nonbeverage purposes.

DCAT Elects Executive Committee

The Drug, Chemical and Allied Trades Section of the New York Board of Trade held its fifty-first annual meeting at the Drug and Chemical Club, this city, November 18, with approximately 125 members in attendance. John J. Toohy, distribution manager for E. R. Squibb & Sons, who is chairman of the section, acted as toastmaster at the meeting, which was featured by an address by David Sherman Green, former economic adviser to Siam, on "Thailand Today."

The various officers of the section reported on the work of the section during the past year. E. T. T. Williams, chairman of the membership committee, reported a total of thirty-one new members for the year, bringing the total membership to 329 member firms.

Elected to the executive committee for the coming year were:—

Carl M. Anderson, Merck & Co.; Harold M. Altshul, Ketchum & Co.; C. C. Caruso, Schieffelin & Co.; James J. Clark, Liggett Drug Company; Hugh Crosson, McKesson & Robbins, Inc.; James DeCesare, White Laboratories, Inc.; William W. Huisking, Chas. L. Huisking & Co.; J. H. Karrh, Victor Chemical Works;

—*Continued on page* 51

Zinc Seller Breaks OPA Price Pledge

OPD Washington Bureau
November 18, 1941

Definite evidence of violations by a major zinc producer of the agreements reached last February between the government and all primary zinc producers regarding sales practices incidental to maintaining the formal price ceiling in effect since October, 1940, has been secured by the Office of Price Administration, Leon Henderson, administrator, stated today. An agent of the producer and two zinc dealers are implicated.

The parties involved are the Hegeler Zinc Company of Danville, Ill.; Sol M. Marks of Cleveland, Ohio, agent and dealer for the Hegeler Company; Tyroler Metals, Inc., Cleveland, and Adam Hope Company, Detroit, dealers who handled Hegeler zinc.

Last February zinc producers agreed in writing with Mr. Henderson, then a member of the Advisory Commission to the Council of National Defense, not to sell to dealers, but rather to deal direct with consumers. There was also an informal agreement to maintain the 7¼c. a pound price which had prevailed since October, 1940.

Mr. Henderson pointed out that violation by the Hegeler Company of the formal agreement not to sell to dealers created a situation permitting gross profiteering and inflation of prices not only for the zinc involved, but also for products made from the zinc. He suggested that buyers of the zinc might well explore the possibilities of proceedings to recover the over-payment.

OPM Copper Branch Headed by Uebelacker

OPD Washington Bureau
November 17, 1941

David A. Uebelacker, present chief of the nickel branch, Division of Materials, Office of Production Management, has been made chief of the copper branch, succeeding John A. Church. Mr. Church becomes senior consultant for the copper branch. Louis Jordan, assistant chief of the nickel branch, has been named acting chief. Howard C. Sykes, present chief of the mica, graphite branch, moves over to become chief of the stockpile and shipping imports branch, succeeding Philo W. Parker. Mr. Parker has served his agreed term in OPM and is returning to private business. Howard F. Wierum, assistant chief under Mr. Sykes, replaces him as chief.

Dairy Co-Ops Voice 'Mad' at Margarin

At its twenty-fifth annual convention, November 10 to 12, the National Cooperative Milk Producers' Federation voiced its characteristic antagonism to margarin in a resolution which set forth as follows:—

The year 1941 has witnessed a new era in the promotion of the butter subtitute, oleomargarin—promotion by governmental propaganda and edict. The Department of Agriculture's Consumer's Counsel Division has gone on the radio in its behalf. The Federal Security Agency's Food and Drug Administration has provided the industry a standard for imitating butter. Oleomargarin diets are being written by executive hands. Still others in government pursue continuous and concerted efforts to rid Federal and State statute books of oleomargarin laws. Congress too has been asked to rid the laws of taxes imposed to prevent fraud and deception in the sale of this substitute product and to modify the navy ration to permit its use in place of butter.

We resent this government sponsored campaign to replace the genuine product butter with the substitute product oleomargarin in the diets of the American people. We can see no justification for the government to issue a standard which will permit abuse, fraud, and deception, when it is the government's legal obligation to protect the interests of consumers against such practices.

In view of what appears to be the planned course of governmental attitude to make oleomargarin synonymous with artificial vitamin fadism and a

—*Continued on page* 47

It's a longer way around. Annoying, yes. And the going is rougher... slower on most detours. But it is only temporary. Then the road will be reopened and a four-lane highway, built on a new foundation, may speed you along safely where a two-lane went before.

That's the picture of what chemical research is doing today... working toward breaking traffic jams in raw materials, finding new routes around production difficulties, and laying the foundation for the four-lane highway that business and industry will travel after the troublesome detour is no longer necessary.

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(Parenthetical figures are the numbers of patents in the United States or other countries, as designated)

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Acetoacetorthotoluidide

Dye

New intermediate for making—
- Yellow dyestuffs of the Hansa yellow type, also variations of yellow shades

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1:2-Dihydronaphthalene

Chemical

Reactant in—
- Organic syntheses

Resins

Starting point in making—
- Infusible (resinous) polymers which, although completely insoluble in most solvents, form colloidal solutions in some halogenated aromatics
- Mixture of dihydronaphthalene dimers, with the aid of 80 percent sulphuric acid

Isothymol

(Acid Isothymique, Isothymiansaure, Isothymic Acid, Isotimol, Isotimole, 3-Methyl-5-Isopropylphenol)

Adhesives

Antioxidant, disinfectant, and preservative for—
- Adhesive compositions containing gums, irish moss, or starch

Chemical

Stabilizer for—
- Chlorinated hydrocarbons

Cosmetic

Antioxidant, disinfectant, and preservative for—
- Preparations containing—
  - Fats
  - Greases
  - Gums of various sorts
  - Starch and starch base products
  - Vegetable oils

Disinfectant

Germicide reported to offer—
- Characteristic, clean odor
- No toxicity
- Power to kill and inhibit the growth of bacteria and fungi

Fats, Oils, and Waxes

Antioxidant, disinfectant, and preservative for—
- Fats and greases
- Sulphonated oils
- Vegetable oils

Fur

Antioxidant, disinfectant, and preservative in—
- Soaking operations

Food

Suggested as antioxidant, antiseptic, and preservative for—
- Butter
- Fats
- Greases
- Lard
- Margarin
- Vegetable oils

Glue and Gelatin

Antioxidant, disinfectant, and preservative for—
- **Glue**
- Gelatin

Gums

Antioxidant, disinfectant, and preservative for—
- Dextrin
- Gum arabic
- Other gums
- Tragacanth

Ink

Preservative for—
- Inks

Insecticide and Fungicide

Fungicide for certain organisms

Leather

Antioxidant, disinfectant, and preservative for—
- Finishes and dressings

Miscellaneous

Antifermentative for—
- Solutions (possibly of use in brewing, distilling, wineries, extracts, and similar manufacturing processes)

Antioxidant, disinfectant, and preservative for—
- Products containing—
  - Gums
  - Paste
  - Starch
  - Sulphonated oils
  - Vegetable oils

Inhibitor of—
- Oxidation and rancidity

Oral Hygiene

Ingredient of—
- Antiseptic and deodorant mouthwashes

Paint, Varnish, and Lacquer

Antioxidant, disinfectant, and preservative for—
- Distempers
- Paints
- Paint vehicles

Drying retardant for—
- Paints

Paper

Antioxidant, disinfectant, and preservative for—
- Finishes
- Sizes

Pharmaceutical

In compounding and dispensing practice

Reported useful as—
- Anthelmintic
- Antifermentative for solutions
- Antioxidant
- Antipyretic
- Antiseptic
- Skin disinfectant in dermatological practice
- Vermifuge

Soap

Antioxidant, disinfectant, and preservative for—
- Animal oils
- Brushless shaving creams
- Emulsions
- Fish oils
- Shaving soaps
- Toilet soaps
- Vegetable oils

Textile

Antioxidant, disinfectant, and preservative for—
- Gums
- Dextrin
- Finishes
- Sulphonated oils
- Textile emulsions
- Textile processing agents
- Throwing agents
- Twist-setting agents
- Sizings
- Starch

6-Methoxy-2:2:4-trimethyl-1:2-dihydroquinolin

Chemical

Starting point (Brit. 505113) in making—
- Antiagers and improvers of flex-cracking resistance for rubber compounds, with the aid of—
  - Condensation product of diphenylamine with acetone
  - Phenylalphanaphthylamine
  - Phenylbetanaphthylamine

Methyl Formate

(Additional uses — supplementary to information in the book, Uses and Applications of Chemicals and Related Materials—see bottom of this page)

Flour Milling

Fumigant for—
- Grain

Larvicide for—
- Grain

Larvicide for treating—
- Cereals

Food

Fumigant for—
- Packages and products

Larvicide in—
- Packaged dried fruits

Insecticide

Fumigant for—
- Packages and products

Fumigant which—
- Evaporates completely, leaving no residual odor

Larvicide

Resins

Reactant in making—
- Synthetic resins

Tobacco

Larvicide for treating—
- Tobacco

Orthophenylacetoacetanilide

Dye

New intermediate for making—
- Yellow dyestuffs of the Hansa yellow type, also variations of yellow shades

Phenothiazin

(Additional uses — supplementary to information in the book, Uses and Applications of Chemicals and Related Materials—see bottom of this page)

Animal Husbandry

Vermicide for—
- Intestinal worms

Pharmaceutical

Suggested as sterilzing agent for—
- Urinary tract (in infected conditions)

Suggested as treating agent for—
- Cystitis

Ramie Fiber

(Grass Linen, Rhea)

(Vegetable fiber formerly grown—for a known 3,000 years—in China, also to some extent in India and Formosa. The ramie-producing areas in China have been devastated by the Japanese during the course of the war and imports may not be resumed for a long time after the cessation of hostilities, if ever. Large-scale experiments by Florida interests, with the cooperation of State authorities and the Department of Agriculture, have demonstrated the practicability of growing this fiber in the Everglades and its safe and practical processing by new, successful, economical methods. Planting is now proceeding and it is expected that this new industry will be in small production this year and provide a reasonably full output from the first Spring crops, maturing next April. Eventually, it is expected, ramie will be planted in several million acres of waste or uncultivated areas in Florida.)

Cellulose Products

Cellulosic base in making—
- Cellulose acetate
- Nitrocellulose
- Synthetic fibers

Chemical

Suggested as base in—
- Destructive distillations
- Sacharinifications

Suggested as source of—
- Lignin
- Vanillin

Explosives

Cellulosic base in making—
- Explosives of the nitrocellulose type
- Guncotton

Marine

Vegetable fiber for making—
- Sails (used on Volga boats in early times)

Plastics

Filler in—
- Plastic construction (reported to have been used in Ford plastic automobile to the extent of 10 percent)

Filler said to impart qualities stronger than those of any filler now produced

Paper

Cellulosic base in making—
- Bond paper
- Cigaret paper
- Condenser papers
- Fine papers
- Linen-type papers
- Paper currency (used in France for many years)

Textile

Vegetable fiber reported to be—
- Dyeable more readily than cotton
- Longest vegetable fiber known
- Mixable with wool, linen, cotton, and rayon
- Nonshrinkable
- Nonstretchable
- Outstanding in strength (eight times the tensile strength of cotton and three times that of linen)
- Spinnable (under latest recovery process) on textile machines
- Source of textile fabrics of exquisite fineness and texture
- Twice as resistant to heat as cotton
- Unaffected by exposure to oils or greases
- Unaffected by mildew

Vegetable fiber used in the production of fine—
- Draperies
- Fabrics
- Linens
- Upholstery fabrics

Sulphadiazin

Pharmaceutical

New drug (of the sulphonamide group) reported to be a cure for—
- Sinus infections
- Streptoccocus infections

Terpenyl Caprylate

(Caprylate de Terpenyle, Caprilato de Terpenil, Caprilato di Terpenile, Caprilato terpenilico, Caprylsaureterpenylester, Terpinylcaprylat)

Perfume

Odorant in—
- Cajuput preparations
- Eucalyptus preparations
- Other perfume preparations

1:2:3-Triazole-1:2-naphthylenediamine

Dye

Starting point (Brit. 506761) in making—

Brown vat dyes with the aid of—
- 1:2-Naphthoquinones which are unsubstituted in the quinonoid nucleus
- 1:2-Naphthoquinones having in 4-position a sulphonic acid radicle and being unsubstituted in 3-position
- 1:4-Naphthoquinones which are unsubstituted in the quinonoid nucleus

---

Zelljute

(German synthetic fiber reported to be of cellulose base and now in production to the extent of 12,000 tons annually)

Miscellaneous

Substitute for natural jute in making—
- Bags
- Sacks

Synthetic fiber reported to have the following properties—
- Brownish color
- 30 Denier in size
- Staple length about 250 mm.

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Current Market Quotations

November 21, 1941

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Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes, trends, and resale prices are noted in the market reports, with other informative comment. The locations of the several reports is indicated on page 4.

Defense Status of Materials

Application of SPAB regulations to materials listed below is indicated by superior figures as follows:—[1] Price Ceiling; [2] Price Suggestion or Agreement; [3] Full Priority Control; [4] Industry Control; [5] General Limitation Order; [6] Critical List (Army and Navy Munitions Board).

A

Acacia (see Gum, arabic).
Acetal, cbys., works.....lb. 1.00 - 1.50
Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb. lots.....lb. .38 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs., 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP,[1,6] dms., c.l., dlvd.lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
tanks, dlvd.....lb. .07 - —
Methyl (see M).

* The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory shall mean all other States of the United States.

Acetonitrile, dms., works.....lb. 1.00 - 2.00
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs., dms.....lb. 1.08 - —
25 lbs., dms.....lb. 1.10 - —
Acid, abietic, dms., c.l., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —
Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.18 - 3.43
cbys., cs.....100 lbs. 3.68 - 3.93
56%, bbls.....100 lbs. 5.18 - 5.43
cbys., cs.....100 lbs. 5.68 - 5.93
70%, bbls.....100 lbs. 6.19 - 6.44
cbys., cs.....100 lbs. 6.69 - 6.94
80%, bbls.....100 lbs. 6.91 - 7.16
cbys., cs.....100 lbs. 7.41 - 7.66
glacial, nat., CP, cbys.100 lbs.14.25 -15.25
99.5%, bbls.....100 lbs. 8.30 - 8.55
cbys.....100 lbs. 8.80 - 9.05
tanks.....100 lbs. 7.25 - —
USP, cbys.....100 lbs.11.00 -12.50
synth., 99.5%, al. dms., works, 100 lbs. 8.45 - 8.70
tanks, dlvd.....100 lbs. 6.25 - —
USP XI, al. dms., works, 100 lbs.10.25 -11.00
CP, dms., works.....100 lbs.13.50 -14.25
pure, 30%, bbls.....100 lbs. 4.28 - 4.48
cbys., cs.....100 lbs. 4.73 - 4.96
36%, bbls.....100 lbs. 4.61 - 4.86
cbys., cs.....100 lbs. 5.11 - 5.36
60%, bbls.....100 lbs. 7.17 - 7.42
cbys., cs.....100 lbs. 7.67 - 7.92
80%, bbls.....100 lbs. 8.70 - 8.95
cbys., cs.....100 lbs. 9.20 - 9.45
Acetic acid price differentials above are for c.l. and l.c.l. quantities, the prices apply delivered within the Metropolitan zones unless otherwise indicated in the above prices.
Acetic, anhydride,[3] dms., c.l., frt. alld..lb. .11¼- —
l.c.l., dms., frt. alld.....lb. .13 - —
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls. lb. .46 - —
Adipic, fib. dms., works.....lb. .31 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22
Ascorbic, bots., dms.....oz. 1.85 - 2.10
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
99 lbs. or less.....lb. .59 - .60

Acid, boric, tech., 99.5%, gran., bulk, frt. alld...ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex-whse...ton.108.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse..ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse..ton.123.00 - —
less than ton lots, ex whse..ton.128.00 - —
USP $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's, bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 6.95 - 7.00
Capric, dms.....lb. .19¾- .20¼
Caproic, dms., works.....lb. .25 - .30
Caprylic, dms.....lb. .27 - .27½
Castor oil, split, dms.....lb. .18¼- .18¾
Chlorosulphonic, dms., c.l., wks. lb. .03 - —
5-drum lots, works.....lb. .03¼- —
single drum.....lb. .04¼- —
tanks, works.....lb. .02½- —
Chromic,[3,6] 99%, dms., c.l., dlvd. N. Y..lb. .16¼- —
l.c.l., 5 tons, dlvd. N.Y. lb. .16¾- —
smaller quantities, dlvd. N. Y..lb. .17¼- .16¼
Cinnamic, refd., bots.....lb. 3.50 Nom.
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20¼- —
smaller lots.....lb. .21 - —
anhydr. gran., dms., 10,000 lbs., one shipt..lb. .23 - —
smaller lots.....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's, bbls.....lb. .65 - —
Coconut oil, dist., dms.....lb. .16¾- .17¼
Cottonseed oil, dist., dms....lb. .14 - .14½
tanks .....lb. .12½- —
Cresylic (coaltar),[4] high-boil 50%, 210°-218°, dms., c.l., works, frt. equald..gal. .76 - .81
l.c.l., same basis....gal. .78 - .83
special blends (50, 210°-215°), dms., c.l., works frt. equald..gal. .76 - .81
l.c.l., same basis....gal. .78 - .83
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .76 - .81
l.c.l., same basis....gal. .78 - .83
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .76 - .81
l.c.l., same basis....gal. .78 - .83
imported, pale, dms...gal. No price
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. and over.lb. .11 - —
1-24 cbys.....lb. .11¼- —
Fumaric, tech., special, bbls., ton lots..lb. .27 - —
smaller lots, bbls., dms...lb. .28 - .31
Gallic, tech., bbls.....lb. 1.05 - 1.06
NF VI, bbls., 200 lbs., 5 or more..lb. 1.22 - —
smaller lots.....lb. 1.25 - —
fib. dms., 25 lbs.....lb. 1.29 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demij.....lb. .21 - .23
5-lb. bots.....lb. .29 - —
H. bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, 10% dilute, cbys., lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber, dms.....lb. .08 - .08½
48%, lead, cbys.....lb. .12 - —
rubber, dms.....lb. .11 - —
52%, lead, cbys.....lb. .13 - —
rubber, dms.....lb. .12 - —
60%, lead, cbys.....lb. .14 - —
rubber, dms.....lb. .13 - —
Hydrofluosilic, 30-33%, 420 lbs., bbls..lb. .09 - .09½

Acid, hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - —
cbys., works...100 lbs. 3.75 - —
44%, bbls., c.l., works.... 100 lbs. 5.50 - —
l.c.l., bbls., works.... 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works.....100 lbs. 6.75 - —
cbys., works...100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11½
5 to 19 cbys.....lb. .11 - .12
1 to 4 cbys.....lb. .11¼- .12½
plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .50 - .53
USP, VIII, 75%, cbys.....lb. .48 - .51
Lauric, dist., tech., dms....lb. .18¼- .18¾
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .16 - .16½
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.15
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works. 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works. 100 lbs. 2.25 - —
l.c.l., 25 and over, works. 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
CP, dealers, cbys.....lb. .06¼- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .19 - —
Myristic, dist., dms.....lb. .18 - .18¼
Naphthenic, dom., acidity 220-230, dms., c.l., works..lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
235-245 acidity, dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
tanks, c.l., works.....lb. .11 - —
Nicotinic, 100-lb. cns.....lb. 7.15 - —
50-lb. cns.....lb. 7.25 - —
25-lb cns.....lb. 7.30 - —
5-lb. bots.....lb. 7.46 - —
1-lb. bots.....lb. 7.50 - —
Nitric, 36°, cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys.....lb. .11¼- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .23 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .11¼- —
10,000 lbs. or over.....lb. .11¼- —
smaller quantities.....lb. .12½- .14¼

Acacia—Acrylonitrile

Acid, palm oil, white, dist., dms..lb. .14 - .14½
tanks .....lb. .13½- —
Paraminobensoic, cns.....lb. 1.40 - —
Paranitrobensoic, cns.....lb. .72 - —
Phenylacetic, bots.....lb. 1.85 Nom.
Phosphoric, 50%, pure food grade, c.l., bbls., works, frt. equald.... 100 lbs. 4.00 - 4.25
cbys., works, frt. equald. 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld.100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagons, dlvd., N.Y., Phila. Met. area.... 100 lbs. 4.00 - —
75% pure food grade, c.l., bbls., works, frt. equald. 100 lbs. 4.75 - 5.00
cbys., works, frt. equald. 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld.100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld...100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagons, dlvd., N.Y., Phila. Met. area.... 100 lbs. 4.75 - —
USP, 85%, s. g., 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347, cbys., 70 lbs..lb. .10½- —
dms., 25 lbs.....lb. .12 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .85 - —
Propionate, synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.35 - —
cns.....lb. 1.58 - —
USP, cryst., cns.....lb. 2.00 - —
resub., cns.....lb. 2.50 - —
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split), tech., dms., works.....lb. .32 - .37
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .38
Sebasic, tech., bbls., works..lb. .82 - —
Soybean oil, dist., dms.....lb. .17¼- .18
Stearic, dist., double pressed, bgs., dlvd..lb. .14¼- .15¼
single pressed, bgs., dlvd..lb. .13¾- .14¾
triple pressed, bgs., dlvd...lb. .17 - .18
saponif., double pressed, bgs., dlvd..lb. .14¼- .15¼
triple pressed, bgs., dlvd..lb. .17¾- .18¼
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tch., bbls., dms....lb. .66 - .68
USP, fluffy, bbls., 1,000-lb. lots..lb. 1.13 - —
100-lb. lots.....lb. 1.15 - —
25-lb. lots.....lb. 1.19 - —
powd., bbls., 1,000 lbs....lb. 1.03 - —
smaller lots.....lb. 1.05 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt...lb. .70½- —
smaller quantities.....lb. .71 - —
kgs.....lb. .71½- —
Tobias, bbls.....lb. .55 - .60
Trichloracetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, 100-lb. pkg....lb. 2.94 - 3.10
pure, 100-lb. pkg.....lb. 2.86 - —
Aconite, leaves, bls.....lb. No stocks
Root, bls.....lb. No stocks
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l.....lb. .34½- —
5,000 lbs. or more.....lb. .35 - —
1 ton to 4,999 lbs.....lb. .35½- —
1 dm. to 1 ton.....lb. .36 - —
tank cars.....lb. .34 - —

Adeps Lanae—Bayberry Bark

Adeps lanae, anhyd., dms.....lb. .30 - .32
hyd., dms.....lb. .29 - .31

Agar, Kobe No. 1, strip.....lb. 2.00 - 2.10
gran., fib, dms.....lb. 2.45 - —
powd., fib dms.....lb. 2.50 - —
Kobe No. 3 strip, bls.....lb. 1.75 - —

Agaric, white, bls.....lb. No stocks

Albumen, blood, dark, flake, c.l., f.o.b. Chicago, frt. alld..lb. .11½- —
ton lots, frt. alld.....lb. .12½- —
bgs., same basis.....lb. .13½- .15½
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .65 - .75
import. bgs.....lb. No prices

Egg, ed., dom., cryst., bbls..lb. 1.75 - 1.80
powd., dms., bbls.....lb. 1.80 - 1.85
import, cs.....lb. 1.75 - 1.80

Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .131 - —
l.c.l., frt. alld.....lb. .141 - —
tanks, frt. alld.....lb. .121 - —
normal, dms., l.c.l., works..lb. .27 - —
Tertiary, refd., dms., l.c.l., frt alld..lb. .09 - —

Benzyl, cns.....lb. .65 - .75
drums.....lb. .63 - —

Butyl, normal,[1] dms., c.l., frt. alld..lb. .11 - .11¾
l.c.l., frt. alld.....lb. .11½- .12¼
tanks, frt. alld.....lb. .10 - .10¾

* The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory shall mean all other States of the United States.

secondary, dms., c.l., frt. paid E. of Miss. R..lb. .09 - —
l.c.l., same terms.....lb. .09¼- —
tanks, same terms.....lb. .08 - —
tertiary, denaturing, c.l., dms. lb. .12¼- —
l.c.l., dms.....lb. .13 - —

Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —

Cinnamic, bots.....lb. 3.00 - 3.60

Denatured,[1,2,3] c.l., dlvd., dms., E..gal. .38½- —
l.c.l., dlvd., dms.....gal. .43½- —
tanks, E., dlvd.....lb. .32½- —

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1 190 pf., bbls., c.l., E. works..gal. .35½- —
19 bbls., E. works..gal. .37½- —
1 to 18 bbls., E. works..gal. .40½- —
dms., c.l., E. works...gal. .33½- —
19 dms., E. works...gal. .35½- —
1 to 18 dms.....gal. .38½- —
tanks, E. works.....gal. .27½- —

Anhydrous 3c. per gal. higher.

SD2B, dms., c.l., works, E. gal. .30½- —
19 dms., works, E....gal. .32½- —
1 to 18 dms., works, E. gal. .35½- —
tanks, E. works.....gal. .24½- —

SD23G, works, E., c.l., dms., gal. .36½- —
19 dms.....gal. .38½- —
1 to 18 dms.....gal. .41½- —
tanks .....gal. .30½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in drums, higher.

SD23H, works, c.l., dms..gal. .34 - —
19 dms.....gal. .36 - —
1 to 18 dms.....gal. .39 - —
tanks .....gal. .28 - —

Special solvent, dms., c.l., works.....gal. .34 - —
20 dms., to c.l.....gal. .36 - —
1 to 19 dms.....gal. .39 - —
tanks, E. works.....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .11½- .13
l.c.l., dlvd.....lb. .12 - .13½
tanks, dlvd.....lb. .10½- .12
tech., dms., c.l., dlvd.....lb. .11 - .12
l.c.l., dlvd.....lb. .11¼- .12½
tanks, dlvd.....lb. .10 - .11

Ethyl, 190 pf., ex. molasses, dms., c.l..gal. 7.92½- —
19 dms.....gal. 7.96 - —
5 to 8 dms.....gal. 7.99 - —
1 to 4 dms.....gal. 7.99 - —
tanks .....gal. 7.86½- —
absolute, dms., c.l.....gal. 8.37½- —
19 dms.....gal. 8.41 - —
5 to 18 dms.....gal. 8.44 - —
1 to 4 dms.....gal. 8.44 - —

Ethyl alcohol in bbls. 2c. higher than dms.
Grain alcohol 25c. gal. higher.

Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —

Furfuryl, tech., cns., works..lb. .55 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —

Isoamyl (see Carbinol Isobutyl).

Isobutyl, refd., dms., works..lb. .0860- —
tanks, same terms.....lb. .0760- —

Isopropyl,[3] refd., 91%, dms., 5 gals., f.o.b. dest..gal. .66½- —
55 gals., c.l., same basis, gal. .35 - —
l.c.l., same basis..gal. .40 - —
tanks, frt. alld.....gal. .30 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .38 - .44
l.c.l., same basis...gal. .43 - .47
tanks, same basis.....gal. .33 - .37½

Methyl (see Methanol).

Phenylethyl, bots., cns.....lb. 2.10 - 2.50

Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .69 - —
less than 2,000 lbs.....lb. .65 - —

Propyl, normal, dms., works, gal. .67 - .70

Octyl (see ethylhexyl alcohol).

Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N.Y.lb. .44 - —
450-lb. lots, same basis..lb. .50 - —
cns., f.o.b. Cedar Rapids, Ia., lb .55 - —

Aldehol, denat., grade., dms., tanks, works..gal. .70 - .72

Aldehyde, bisulphite, bbls., works, lb. .17 - —
smaller containers.....lb. .20 - —

Aldol, 55 and 110 gal. dms., c.l., works...lb. .12 - —
l.c.l., works.....lb. .13 - —
5-10-gal. dms., works...lb. .15 - —

Aletris root, bgs.....lb. .55 - .56

Alizarin (see Red, alizarin).

Alkanet root, bgs.....lb. .67 - .69

Allspice, Mexican, bgs.....lb. .10¾- .11¼

Alpha tocopherol, ampules, per gram. 1.00 - 1.10

Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .68 - .70
gourds, bbls.....lb. .80 - .85
Socotrine, bgs.....lb. .58 - .60

Aloin, 140-lb. bbls.....lb. 5.45 - —
100-lb. kgs.....lb. 5.47 - —
25-lb. fib. dms.....lb. 5.54 - —

Alphanaphthol, bbls.....lb. .52 - —

Alphanaphthylamine, bbls.....lb. .32 - —

Althea root, USP, cube cut, bbls., lb. 1.20 Nom.

Alum, ammonia, burnt, USP., bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
divd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
divd., N. Y., Phil..100 lbs. 4.40 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, divd., N.Y. price apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 4.25 - —
divd., N. Y., Phila...100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
divd., N. Y., Phila...100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
divd., N. Y., Phila...100 lbs. 4.65 - —

Potash alum prices on same basis as those for ammonia alum.

Potash, chrome, bbls.....lb. .12½- .15

Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00

Alumina acetate, tech., basic, powd., insoluble, bbls., 1 to 9, dlvd.....lb. .40 - —
smaller containers...lb. .50 - —

solut., 24%, l.c.l., 10 or over, dlvd...lb. .09½- —
1 to 9, dlvd.....lb. .10 - —

normal, solut., 20%, bbls., l.c.l., 10 or over, dlvd., lb. .08¾- —
1 to 9, dlvd.....lb. .09 - —

Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 375 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —

cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾

solution, 32 deg., cbys., c.l., works...lb. .02¾- —
l.c.l., works.....lb. .03¼- —

Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —

Hydrate, heavy, bbls., c.l., works..lb. .0340- —
l.c.l., bbls., works.....lb. .04 - —
bgs., c.l., works.....lb. .0310- —
light, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., bgs., dlvd.....lb. .14½- —
bbls., c.l., dlvd.....lb. .14½- —
l.c.l., bbls., dlvd.....lb. .15 - —

Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald.. 100 lbs. 1.40 - 1.50
bbls., c.l., works....100 lbs. 1.35 - 1.45
l.c.l., works, frt. equaled, 100 lbs. 1.60 - 1.70
iron free, bgs., c.l., works, 100 lbs. 1.75 - 1.85
l.c.l., works.....100 lbs. 2.00 - 2.10
bbls., c.l., works....100 lbs. 1.95 - 2.05
l.c.l., works.....100 lbs. 2.20 - 2.30

Aluminum, £8-99%,[2,3,4] c.l....lb. .15 - —
l.c.l. .....lb. .16 - —

paste, lining, extra fine, dms., 200 lbs..lb. .56 - —
standard, dms., 200 lbs....lb. .38 - —
powder, lining, extra fine, dms., 200 lbs..lb. .93 - —
standard, dms, 200 lbs...lb. .59 - —
litho, lining, dms., 200 lbs..lb. .57 - —
unpolished, dms., 200 lbs..lb. .36 - —
varnish, standard, dms., 200 lbs..lb. .40 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; for containers, smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz.17.00 -18.00

Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —

Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —

Ammonia aldehyde, dms., works, lb. .65 - .70

Anhydrous[2], fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va..ton.90.00 - —
refrigeration[2], tanks, works, lb. .05 - —
pure, cycls., divd., met. N.Y., lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02½- —
l.c.l .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —

Benzoate, dms., kgs., 4,000 lbs. or more..lb. .43 - —
1,000 lbs. to 3,900 lbs....lb. .44 - —
900 lbs. or less.....lb. .47 - —

Bicarbonate, dms., dlvd. Met. N.Y..lb. .0564- .0614

Bichromate, bbls.....lb. .30 - .32

Bifluoride, bbls.....lb. .18½- .18

Borate, bbls., kgs.....lb. .15 - .16

Ammonia, Bromide, gran., bbls. lb. .31 - .35
bxs. .....lb. .34 - .38
kegs .....lb. .33 - .36

Carbonate, lump, dms., dlvd., Met. N. Y..lb. .08¾- .09¼
cns., same basis.....lb. .14½- —
powdered, 1c. per lb. higher.

Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —

Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
25-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .86

Fluoride, bbls.....lb. .18 - .20

Hydroxide (see Ammonia, aqua).

Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —

Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —

Linoleate, 80%, anhyd., bbls., lb. .12 - —

Molybdate, kgs., works.....lb. 1.05 - 1.20

Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —

Oleate, dms.....lb. .14 - —

Oxalate, neutral, powd., bbls., kgs..lb. .23 - .29

Perchlorate, kgs.....lb. .55 - .65

Persulphate, kgs, dom.....lb. .21 - .28

Phosphate, dibasic, NF V, bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼

monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works...unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼

Salicylate, USP, kgs... .....lb. 1.15 - 1.20

Silicofluoride, bbls.....lb. .15 - —

Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —

Sulphate[3], dom., bulk, c.l., contr., f.o.b. cars, ports, July-Dec. shipt..ton.29.00 - —
spot, same basis.....ton.30.00 - —

Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.

Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works, lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —

Sulphocyanide, C.P., dms....lb. .45 - .55
tech., kgs.....lb. .40 - —

Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —

Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .14½
l.c.l., dlvd.....lb. .13 - .15
tanks, dlvd.....lb. .11½- .13½
cns., works.....lb. .18 - .19
ex Pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .13½- —
l.c.l., same basis.....lb. .14½- —
tanks, same basis.....lb. .12½- —

Alcohol (see Alcohol amyl).

Butyrate, dms., 50 gal., returnable..lb. .75 - —

Caporate, cns.....lb. 2.75 - —

Chlorides, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —

Naphthalenes, mixed, crude, l.c.l., dms., works..lb. .14 - —
refd., l.c.l., dms., works..lb. .16 - —

Nitrite, bots.....lb. 1.80 - 1.85

Mercaptan, dms., l.c.l., works, lb. 1.10 - —

Oleate, dms., l.c.l., works...lb. .31 - —

Salicylate, 5-lb. bots.....lb. .63 - .65
cns. .....lb. .55 - .60

Stearate, dms., l.c.l., works..lb. .33½- —

Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —

Anethol, bots.....lb. 1.25 - 1.60
cans .....lb. 1.15 - 1.50

Angelica root, dom., bls.....lb. .65 - 1.75
import., natural, bls.....lb. 1.60 - 1.65

Angostura bark, bls.....lb. .30 - .35

Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —

Salt, dms., works.....lb. .22 - .24

Anise, Cyprus, bgs.....lb. .32½- .33
Spanish, bgs.....lb. .35 - .36
Star .....lb. .17½- .18
Turkish, bgs.....lb. .32 - .32½

Anisic aldehyde, bots.....lb. 2.75 - 2.80

Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06½

Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., works.....lb. .65 - —

Anthraquinone, ₰9.5%, subl., bbls., lb. .70 - —

Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[3,4,6] spot.....lb. .14 - —
Needle, brown, Bolivian, 67%, lb. .16½- .18½
Chinese, black, 70%.....lb. .19 - .22
crude, bbls.....lb. .17 - —
Oxide, bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .16½- —
Salt, 65%, dms., divd., E. of Miss. River..lb. .33 - —
bbls., same basis.....lb. .31 - —
White pigments, bgs.....lb. .11½- .14½

Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20

Apomorphine, bots.....oz.28.20 -28.70

Archil extract, bbls.....lb. .26 - —

Areca nuts, powd., bbls.....lb. .15 - .16

Arecoline hydrobromide, bots..oz. 7.00 -11.25

Argols, test 70% to 85%, basis 100%, 100 kgm., purity, f.o.b. Spanish ports..100 kilos.108.00 -110.00

Arnica flowers, bls.....lb. 5.00 Nom.
Root, bls.....lb. 1.50 Nom.

Arrowroot, St. Vincent, powd., bgs..lb. .10¼- .10¾
bbls. .....lb. .10 - .10½

Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), crts.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.53 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —

Asafetida, cs.....lb. .45 - .50
powd., bbls., bxs.....lb. .68 - .73

Asbestine (see Talc, N.Y. fibrous).

Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.15.00 - —

Asphaltum, Manjak No. 10, crude, 20 tons, f.o.b. plant..lb. .04½- —
smaller lots, f.o.b. plant, lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant..lb. .05 - —
smaller lots, f.o.b. plant, lb. .06 - —

California, dms., c.l., f.o.b. N.Y. ton.20.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —

Cuban A, bgs., c.l., f.o.b. N.Y., ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —

B, bgs., c.l., f.o.b. N. Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —

Egyptian, bgs., c.l., f.o.b. N. Y., lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —

Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point..ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.56.00 - —
jet, bgs., c.l., Western shipping points..ton.30.50 - —

Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —

Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans, refinery...gal. .06 - —

Atropine, bots.....oz.27.00 - —
Sulphate, bots.....oz.21.00 - —

B

Balm of Gilead buds, bgs.....lb. .53 - .60
Barbasco root (see cube root).

Barberry bark, bgs.....lb. .55 - .60
Tree bark, bls.....lb. No prices

Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —

Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.55.00 - —
l.c.l., works.....ton.60.00 - —
bbls., c.l., works.....ton.60.00 - —
l.c.l., works.....ton.65.00 - —

Sulphur-free, c.l., works...ton.60.00 - —
l.c.l., works.....ton.65.00 - —

Chlorate, kgs.....lb. .60 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis...ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis...ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.97.00 - —
bbls., same basis..ton.99.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —

Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13

Fluoride, bbls.....lb. .18 Nom.

Hydrate (see Hydroxide).

Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —

Monoxide (see Oxide).

Nitrate, cks.....lb. .10½- .12½

Oxide, ungrd., dms., c.l., works, lb. .06 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15

Peroxide (see Dioxide).

Silicofluoride, bbls.....lb. .15 - .17

Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —

Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis, ton.22.65 - —
l.c.l., same basis.....ton.23.65 - —
ex whse., New York...ton.31.50 - —

Southern, off color, bgs., mines, ton.17.50 - —
96.75%, bgs., mines.....ton.18.00 - —
ore, bulk, mines.....ton.8.00 - —

German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock.ton. No prices

Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices

Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay Rum, tax extra, import, bbls..gal. .77½- .78½

Bayberry bark, bgs.....lb. .14 - .15

Belladonna leaves, bls.....lb. 3.45 - 3.50
Root, bls.....lb. 2.65 - 2.70
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .55
N.F. VI, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.00 - —
Benzol, 90%, dms., returnable, works..gal. .19 - —
tankcars, frt. alld. E. of Omaha, gal. .14 - —
W. Coast, f.o.b. Minnequa, Colo—gal. .14 - —
Benzophenone, dms.....lb. 1.20 - 1.25
Benzoyl chloride, cbys.....lb. .22 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms.....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .95 Nom.
dms.....lb. .90 Nom.
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.50 Nom.
Formate, cns.....lb. 3.50 - 3.75
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 2.25 Nom.
Salicylate, bots.....lb. 1.80 Nom.
Benzylidineacetone, bots.....lb. 2.00 - 2.10
Berberine bisulphate, cns.....lb.22.50 -38.50
Hydrochloride, cns.....lb.22.50 -38.50
Sulphate, cns.....lb.22.50 -38.50
Berberis root, bls.....lb. .10 - .11
Betanaphthol, sublim., kgs....lb. .55 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.50 - —
kgs.....lb. 2.70 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beta root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.00 - —
jars.....lb. 2.85 - —
Citrate, USP, VIII, 5-lb. bots. lb. 2.86 - —
jars.....lb. 2.75 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns.....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns.....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, bots., cns.....lb. 1.59 - 1.85
175-lb. bbls.....lb. 1.50 - —
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, bots., cns.....lb. 1.49 - 1.72
fib. dms.....lb. 1.40 - —
Subiodide, bots.....lb. 4.24 - —
fib. dms.....lb. 4.13 - —
Subnitrate, powd., bots., cns.lb. 1.29 - 1.57
250-lb. bbls.....lb. 1.20 - —
Subsalicylate, 60-66%, bots...lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Bismuth, sulphocarbolate, 5-lb. bots...lb. 3.76 - —
fib. dms.....lb. 3.65 - —
Trioxide, powd., 5-lb. bots...lb. 3.76 - —
cns.....lb. 3.65 - —
Bismuth ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, c.l.....lb. .17 - —
l.c.l.....lb. .17½- —
3, c.l.....lb. .12 - —
l.c.l.....lb. 12½- —
4, c.l.....lb. .11 - —
l.c.l.....lb. .11½- —
5, c.l.....lb. .08½- —
l.c.l.....lb. .09 - —
6, c.l.....lb. .08½- —
l.c.l.....lb. .09 - —
7, c.l.....lb. .11½- —
l.c.l.....lb. .12 - —
8, c.l.....lb. .12½- —
l.c.l.....lb. .13 - —
Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03425- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07½- —
dlvd.....lb. .07½- —

Belladonna—Borax

Black, carbon, beads, compressed, bgs., c.l., f.o.b. plants..lb. .03350- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07 - —
dlvd.....lb. .07 - —
bulk, carg, c.l., f.o.b. plants, lb. .03150- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06½- —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Mineral, vine type, bbls., l.c.l., f.o.b. works..lb. .0434- —
Vine, A, bbls., works or N. Y., lb. .04½- .05
B, bbls., works or N. Y..lb. .05¾- —
kegs, f.o.b. N. Y.....lb. .06 - —
dms., c.l., frt. alld.....lb. .09½ Nom.
Black dyes are listed under Dyes.
Black Haw root bark, bls.....lb. .40 - .45
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .28
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, frt. equaled..ton.70.00 - —
l.c.l., same basis.....ton.80.00 -95.00
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., works.....ton.46.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 4.20 - —
high-grade, grd., 16-17 ammon, bulk, f.o.b. Chicago, unit-ton. 4.50 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 4.20 - —
soluble (see Albumen, blood).
Bloodroot, lbs.....lb. .28 - .30
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .85 - .90
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, contracts..lb. .36 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .36 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis, contracts..lb. .36 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, concentrated, same basis, contracts..lb. .75 - —
regular, same basis, contracts, lb. .54 - —
Potash, dom., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .36 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.30 - —
methyl violet, kgs.....lb. 2.10 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Blue dyes are listed under Dyes.
Blue flag root, bls.....lb. .15 - .20
Blue mass, USP, cns., tubs....lb. 1.67 - 1.84
powd., bots., cns., dms.....lb. 1.70 - 1.84
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.39.00 -40.00
import, bgs., c.i.f. ports..ton.37.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.38.00 -40.00
import, bgs., c.i.f. ports..ton.37.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.40.00 -41.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.42.00 - —
Boneset leaves, bls.....lb. .08½- .09
Borage flowers, bls.....lb. .45 - .48
Borax, tech., 99¼% gran., bulk, c.l., frt. alld..ton.40.50 - —
bgs., c.l., frt. alld....ton.43.00 - —
ton lots, ex whse....ton.54.00 - —
less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld....ton.53.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
powd., bgs., c.l., frt. alld. ton.48.00 - —

That's what she heard Daddy say when he put Mobil Freezone in *his* car. It's good advice for all car-owners.

Socony Vacuum Oil Company, Inc. . . . maker of Mobil Freezone . . . packs the well-known anti-freeze compound in Crown Cans that are as attractive as they are sturdy . . . as effective when on display as they are protective during shipment.

Probably no company has had greater opportunity to compare the quality of metal containers than Socony Vacuum whose market is worldwide.

Their choice of Crown Cans for Mobil Freezone is one more recognition of Crown's dependability by a major operator. Have you looked into Crown's facilities, as applied to *your* operations?

CROWN CAN COMPANY, PHILADELPHIA, PA., *Division of Crown Cork and Seal Company,* Baltimore · St. Louis · Houston · Madison · Orlando · Fort Wayne · Nebraska City

INDEPENDENT AND HELPFUL CROWN CAN

Borax—Corn Sugar

Borax, tech., 99½% powd., bgs., ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld....ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —

USP, $15 per ton higher.

Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. and over, no trucking or freight allowances for works or warehouse pickups.

Brazilwood extract (see Hypernic).

Brimstone (see Sulphur).

Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkg.; same basis..lb. .30 - .35

Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys. ..lb. 1.42 - —

Bromstyrol ..lb. 3.50 - 3.75

Bronze powder, aluminum (see A).

Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50

Broomtops, bls..lb. .15 - .16

Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .12 - —

Metallic, iron oxide, bbls., wks. lb. .02¾- —
paper bgs., c.l., works.....lb. .0260- —

Sap, crystals, dom., works...lb. .12 - —
powdered ..lb. .13 - —

Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- .06
Italian, Amer. replacement type, bbls., f.o.b. works. lb. .09¾- .10¾
raw, American, bbls., f.o.b. works..lb. .03¼- .05¾
Italian, Amer. replacement type, bbls., f.o.b. works. lb. .08 - .10

Umber, American, bbls., works. lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .05 - —
St. Louis..lb. .05½- —
ex car, Los Angeles.....lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
ex whse., Los Angeles. lb. .06½- —
Portland, San Francisco, Seattle..lb. .06 - —
Boston ..lb. .05 - —
Chicago, Indianapolis, New Orleans..lb. .05½- —
Kansas City..lb. .06 - —
Minneapolis ..lb. .0560- —
Pittsburgh ..lb. .05¾- —

Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special ..lb. .12 - —

Brucine, 100 oz., cns.....oz. .25 - —
Sulphate, 100 oz., cns.....oz. .30 - —

Bryonia root, bls..lb. .28 - .30

Buchu leaves, bls..lb. .72 - .73

Buckthorn bark, true, bls.....lb. .75 - .80
cut and sifted, bbls.....lb. .75 - .80

Berries, bgs..lb. .35 - .40

Burdock root, bls..lb. .40 - .45

Burgundy pitch, dom., dms...lb. .05¼- .06

Butternut bark, bls..lb. .07 - .08

Butyl acetate[2], norm., dms., c.l., frt. alld..lb. .11 - .12
l.c.l., frt. alld.....lb. .11½- .12½
tanks, frt. alld.....lb. .10 - .11
tankwagons, frt. alld...lb. .10¼- .11½
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .09 - —
dms., l.c.l., same terms.lb. .09½- —
tanks, same terms.....lb. .08 - —

Alcohol (see Alcohol).

Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16¾- .17½
tanks, works.....lb. .14½- —

Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal, dms., c.l., works..lb. .25 - —
l.c.l. ..lb. .28 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .32½- —

Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N.Y...lb. .60 - —

Butane, com'l, 16-34#. tanks, group 3..gal. .02½- .03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.65 - 1.66
single jars.....lb. 1.70 - —
5-lb. bots.....lb. 1.84 - 1.91

Iodide, 5-lb. bots.....lb. 4.23 - —
25-lb. cans.....lb. 4.09 - —

Lithopone (see Yellow).

Metal, [3,4,6], pat., shapes, cs., dlvd..lb. .95 - —
ingots or sticks.....lb. .99 - —

Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).

Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms. lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lb. cns.....lb. 2.70 - —
1,000 lbs. or more, 100-lb. dms., lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. cns.....lb. 2.75 - —
100 lbs. or more, 100-lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10-lb. cns., lb. 3.15 - —

Citrated, bots.....lb. 2.30 Nom.
Hydrobromide, bots.....lb. 5.29 - 5.37

Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. No stocks
bleached, bls.....lb. No stocks
dom., natural, bls.....lb. .40 - .45

Calcium acetate, bgs., dlvd., 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l.....lb. .06½- .07½
l.c.l. .....lb. .06¾- .07¾

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.

Bromide, 100 lbs., works, frt. equald..lb. .63 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —

Carbide, dms., c.l., dlvd. 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse, 100 lbs. 4.95 - —

Carbonate (see Chalk and Whiting).

Chloride, flake, paper bgs., 77-80% c.l., dlvd., ton.18.50 -35.00
l.c.l., 15 tons, dlvd....ton.21.50 -25.50
5 ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks., ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.18.00 -34.50
l.c.l., 15 ton, dlvd....ton.21.45 -25.45
5 ton lots.....ton.28.45 -40.95

Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.

Gluconate, USP, gran., 150-lb. bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.

Glycerophosphate, fib. dms.. 1,000-lb. lots..lb. 1.25 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —

Hypophosphite, cns.....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .27 - .28
Mandelate, dense, dms.....lb. 2.05 - 2.15
fluffy, dms.....lb. 2.05 - 2.15
Nitrate, fertilizer grade, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton. No prices
tech., bbls., ton lots, works, lb. .12½- .13
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. No prices
feeding grade, bgs., f.o.b. works..ton.75.00 - —
food grade, f.o.b. works, 10 bbls. and over..lb. .07 - —
5 to 9 bbls., same basis, lb. .09 - —
1 to 4 bbls., same basis.. lb. .10 - —
medicinal, bbls.....lb. .11½- .12
dms. .....lb. .12½- .13
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
5 tons and over, bgs., same basis..lb. .06 - —
less than 5 tons, same basis, lb. .06½- —
tribasic, c.l., bbls., works, lb. .0635- —
l.c.l., bbls.....lb. .0705- .0785
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., ton..lb. .26 - —
smaller quantities.....lb. .27 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80% CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - —
Calendula flowers, bls.....lb. .85 - .90
Calomel, bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs...lb. 1.10 - 1.15
slabs, cs.....lb. 1.10 - 1.15
tablets, tin.....lb. 1.20 - 1.25
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works..lb. .41 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .63 - —
1,000-lb. lots.....lb. .64 - —
smaller lots.....lb. .65 - —
tablets, 2,000-lb. lots....lb. .76 - —
1,000-lb. lots.....lb. .77 - —
smaller lots.....lb. .78 - —
Monobromate, bulk, 100-lb. lots. lb. 2.40 - —
25 to 50-lb. lots.....lb. 2.50 - —
Canada balsam (see Fir, balsam).
Canary seed, Argentine, bgs....lb. .0360- .0385
Morocco, bgs.....lb. .0580-.0600
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 4.50 Nom.
powd., bxs.....lb. 5.50 Nom.
Capsicum (see Pepper, red).
Caraway, Dutch, bgs.....lb. 1.10 - 1.15
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld..lb. .225 - —
l.c.l., same basis.....lb. .235 - —
tanks, same basis.....lb. .215 - —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cys.....lb. .06 - .06
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. l.c.l., frt. alld..gal. .97 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. 1.07 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal.1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.45 - 1.60
decorticated, cs.....lb. 1.20 - 1.30
green, Ceylon, bgs.....lb. .90 - .95

Carob bean flour (see Gum, Locust bean).

Carvol, bots.....lb. 4.00 - 4.25

Cascara sagrada bark, bulk....lb. .20 - .21

Case-hardening mixtures, 30% lump, dms., l.c.l..lb. .09 - —

Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .30 - —
5 tons, works.....lb. .30½- —
smaller lots, works.....lb. .30½- —
80-100 mesh, c.l., dlvd.....lb. .30½- —
5 tons, works.....lb. .30¾- —
smaller lots, works.....lb. .31 - —
Import, Argent., 20-30 mesh, bgs., c.l., c.i.f..lb. .26 - .27
80-100 mesh, bgs., c.l., c.i.f..lb. .26½- .27½
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh., c.l., bgs., duty paid..lb. No prices

Cassia, Batavia, No. 1, thin quill, bls..lb. .21½- .22
No. 1, regular, bls.....lb. .20½- .21
shortstick, bls.....lb. .19 - .19½
broken, bls.....lb. .18 - .18½
China, buds, bgs.....lb. .17½- .18
Rolls, select, bls.....lb. .16 - .16½
broken, extra, bls.....lb. .15½- .16
Saigon, No. 1, 4-10-4, bls....lb. .34½- .35
10-6-2, bls.....lb. .35 - .35½
all thin, bls.....lb. .36 - .37

Cassia fistula, bskts.....lb. .18 - .19

Castoreum, nat., cns.....lb.12.50 -15.00
Synth, bots.....lb.19.00 - —

Castor beans, Brazilian, ship't, c.&f., N.Y., ton ton.80.00 -82.00
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.50 -16.00
import, bgs., c.i.f. ports, shipment..ton. No prices

Celery seed, French, bgs.....lb. .90 - .95
Indian .....lb. .41 - .43

Celluloid scrap (see Pyroxylin scrap).

Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (36.5% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works....lb. .48 - —
medium (15.5 or 17.0% 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
acetate-propionate, high (31.5% propionyl content), 100-lbs. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs, works.....lb. .48 - —
Triacetate, flake, frt. alld....lb. .30 - —

Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —

Chalk, precip., papermakers, bgs., c.l., works..ton.32.50 - —
rubbermakers, bgs., c.l., works, ton.30.00 - —
other industries, and paints, bgs. c.l., works..ton.40.00 - —
drugs, dentifrices and cosmetics, c.l., spot..lb. .02¾- —

Chamomile flowers, Hungarian, genuine, cs...lb. .85 - 1.00
Roman, bls.....lb. 3.25 Nom.

Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo. .....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.27.00 - —
Indiana .....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia..ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.32.80 - —
Ohio .....ton.32.80 - —
Penn. .....ton.34.80 - —
Utah .....ton.36.00 - —

Willow, powd., bbls.....lb. .06 - .07

Chestnut extract, clarif., 25% tan., bbls., c.l., works...lb. .0240- —
l.c.l., bbls., works.....lb. .0265- —
tanks, works.....lb. .0190- —

Chillies (see Pepper, red).

China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.10.00 -16.00
bulk, c.l., works..ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works...ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works.. ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —

Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk Phila..ton.18.60 -23.00
powd., cks., l.c.l., ex whse., ton.45.00 - —

Chloral hydrate, jars, 1,000 lbs.lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —

Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —

Chlorine,[2,5] liq., cyls., c.l., dlvd., N.Y..lb. .05¼- —
contracts, dlvd., N. Y....lb. .06¼- —
l.c.l., dlvd. N. Y....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - 2.00
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - 2.25
2 works, frt. equald., 100 lbs. 2.40 - 2.75
1 works frt. equald., 100 lbs. 2.90 - 3.25

Chloroform, tech., 650-lb. dms.lb. .20 - —
100 lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —

Chlorpicrin, com'l, 180-lb. cyls., frt. alld..lb. .30 - —
100-lb. cyls., frt. alld.....lb. .35 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., cass 2 works, lb. 1.25 - —

Chrome acetate, powd., 24%, bbls., lb. .22 - —
solut., 8½%, cs., bbls.....lb. .07¾- .08½
Cake, bulk, c.l., works....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).

Chrysarobin, 5-lb. bot.....lb. 5.00 - —

Cinchona bark, quill, USP, 10 in., medium, cs..lb. .85 - .90
20 in., thick, cs.....lb. .85 - .90
20 in., medium, cs.....lb. .85 - .90
USP, broken quill, red, bgs..lb. .20 - .21
yellow, bgs.....lb. .20 - .21

Cinchonidine, small crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cans., 100 ozs.oz. .53 - —

Cinchonidine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small crys., cns., 100 ozs..oz. .62 - —
large cryst., cns., 100 ozs.oz. .66 - —
Sulphate, N.F., cns., 100 ozs.oz. .42 - —

Cinchonine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms., lb. 3.55 - 3.60
1 and 5-lb. bots.....lb. 3.70 - 3.85
100 lbs., dms.....lb. 3.50 - —

Cinnamic alcohol (see Alcohol, cinnamic).

Aldehyde, 90-100% pure, cbys., cns..lb. 1.25 - 1.60
Cinnamon, Ceylon, 2 bls.....lb. .25½- .26
3 bls.....lb. No stocks
Citral, bots, cns.....lb. 3.00 - 4.00
Citrine ointment, jars.....lb. .98 - 1.00
Citronellal, bots., dms.....lb. 1.50 - 2.25
Citronellol, bots., dms.....lb. 1.75 - 2.00
Clove, Amboyna, bgs.....lb. .24½- .25
Zanzibar .....lb. .15½- .16
Clover tops, red, bgs.....lb. .35 - .40
dom., bgs.....lb. .30 - .35

Coaltar, coal-gas, crude, bbls., c.l., works..bbls. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 8.00 - —

Cobalt acetate, bbls., kgs., dlvd. lb. .83¾- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .87½- —
Hydrate, bbls.....lb. 2.04 - —
Linoleate, paste, 5%, dms...lb. .31 - —
solid, 8½%, dms.....lb. .42 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, cobalt oxide, bbls....lb. .13 - —
2 %, cobalt oxide, bbls....lb. .14 - —
3½%, cobalt oxide, bbls....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —

Cocaine, hydrochloride, 100 ozs., cns...oz. 9.75 - —

Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39

Cocoa butter, bulk, c.l., bgs...lb. .2260- .2275

Cocillana bark, bgs.....lb. .22 - .23

Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —

Codliver oil (see Oil, codliver).

Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08

Colchicine, bots., cns.....oz.88.00 -65.00
Colchicum seed, bgs., 100 lbs. 2.50 Nom.
Collodion, USP, dms., 325 lbs..lb. .15 - —
cns., 25 lbs.....lb. .19 - .20
flexible, USP, dms., 325 lbs..lb. .17 - —
cns., 25 lbs.....lb. .21 - .22

Colocynth pulp, bls.....lb. .95 - 1.00
Colombo root, bls.....lb. .22 - .23

Coltsfoot leaves, bgs.....lb. .35 - .40
Condurango bark, bgs.....lb. .10 - .11
Conium leaves, bls.....lb. .30 - .32

Copaiba, balsam, Para, cns....lb. .32 - .33
S. A., USP, cns.....lb. .34 - .35

Copper acetate, normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .18 - .20½
Chloride, anhyd., bbls.....lb. .19½- —
cryst. .....lb. .13½- .14½
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal, [1,8,9] electrolytic.....lb. .12 - .12½
Nitrate tech., cryst., bbls....lb. .16 - .18½
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .19½- .21
Red, com'l, kgs., f.o.b. N. Y., lb. .20 - .22
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.15 - 5.50
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.30 - 5.65
6-15 bbls., same basis, 100 lbs. 5.40 - 5.75
1-5 bbls., same basis, 100 lbs. 5.65 - 6.00
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.20 - —
l.c.l., dealers.....100 lbs.10.20 - —

Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —

Copra, Coast, ship.....lb. .04 - —
Coriander, bgs.....lb. .10¼- .11
bleached, bgs.....lb. .11½- .12

Corn silk, bls.....lb. .22 - .23

Corn sugar, tanners', chipped, bgs., c.l., dlvd..100 lbs. 4.05 - —
slabs, bbls., c.l.....100 lbs. 3.41 - —
solid, bbls., c.l.....100 lbs. 3.53 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.52 - —
43°, bbls., c.l.....100 lbs. 3.57 - —

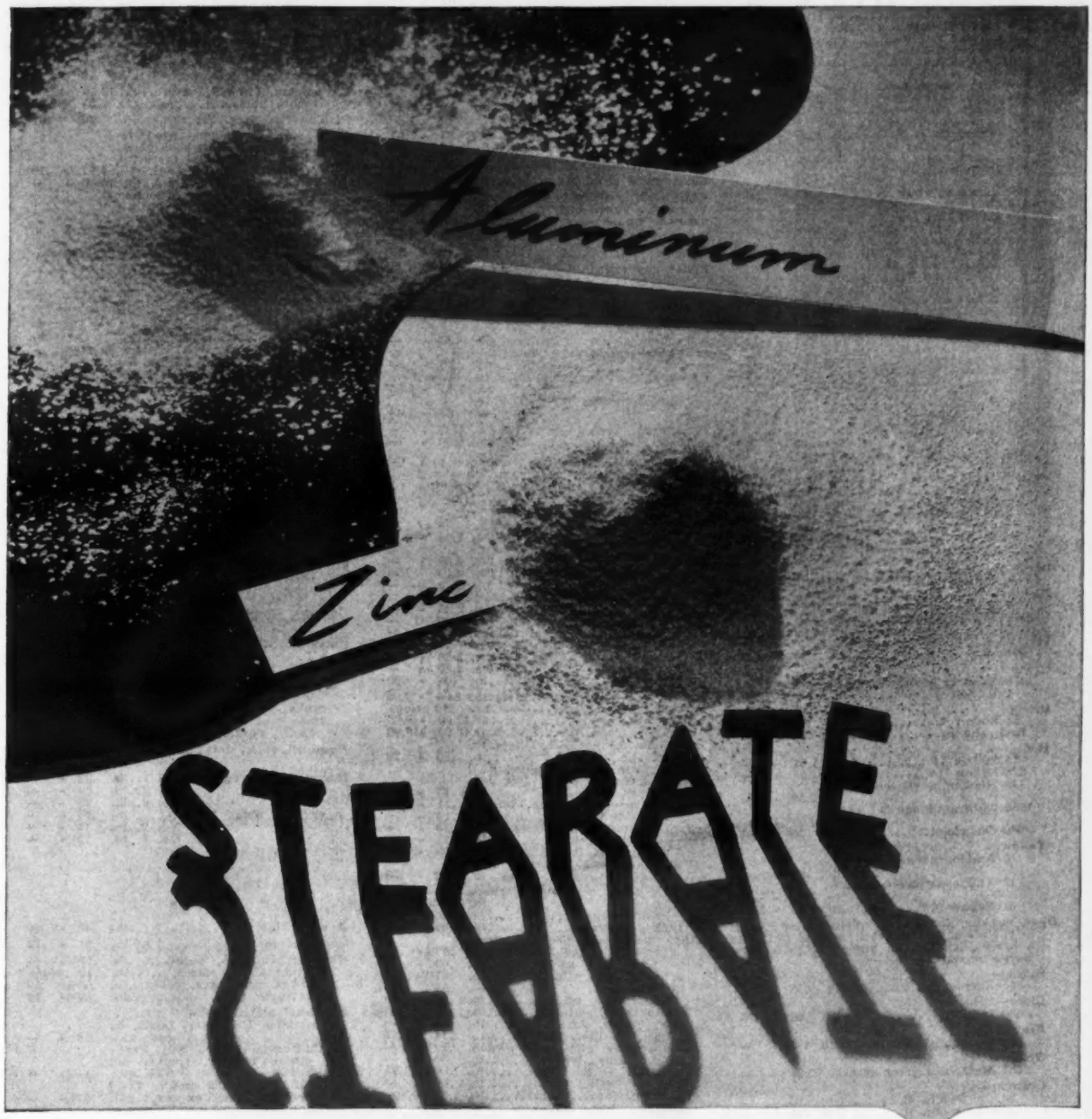
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.39 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .14 - .15
Cottonseed, hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
meal, 8%, Southeast, mills..ton.39.50 - —
Coumarin, 5 lbs. or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .30 - .65
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .13
Cream of tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½- —
Creosote, beechwood, cbys., dms. lbs. .80 - .85
bots. .....lb. 1.00 - 1.04
hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 2.10 - 2.39
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works..gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol,[4] USP, dms., c.l., works. lb. .10¼- .10¾
l.c.l., same basis.....lb. .10¾- .11¼
special resin grade, dms., c.l., works..lb. .09¼- .09¾
l.c.l., same basis.....lb. .09¾- .10¼
Crotonaldehyde, 97%, 55 and 110 gal., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .08½- —
l.c.l., works.....lb. .09½- —
natural, c.l.....100 lbs. 8.75 - —
l.c.l. .....100 lbs. 9.25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C..lb. .30 - .32
4% rotenone prices are 3c. per lb. less.
Cubeb berries, XX, bgs.....lb. .48 - .50
powd., cs.....lb. .53 - .54
Culver's root, bls.....lb. .22 - .24
Cumin seed, Morocco, bgs.....lb. .18 - .18½
Cyprus, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .16 - .16½
Persian, bgs.....lb. .17½- .18
Cutch, Borneo, extract, solid, contract, f.o.b. N.Y., duty paid..lb. .04¾- —
Cyanamide, 22% N, pulv., bgs., dlvd., contracts..unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., wks. lb. .16 - —
Cyclohexanol, 98-100%, dms., wks. lb. .23 - —
Cyclohexanone, 98-100%, dms., works..lb. .32 - —
Cyclopropane, USP, cyls., dlvd, gal. .27 - —

D

Damiana leaves, bls.....lb. .15 - .16
Dandelion root, bls.....lb. .60 - .65
Decanol, normal, tech., 360 lbs., dms., dlvd..lb. .35 - —
Deertongue leaves, bls.....lb. .12 - .14
Degras, common, dom., bbls...lb. .08¾- .09½
neutral, dom., bbls.....lb. .18 - .22
Derris root, powd., 5% rotenone, bbls., f.o.b. N. Y..lb. .30 - .34
4% rotenone prices are 3c. per lb. less.
Derris, extract, 30% rotenone, bulk, cns..lb. 3.50 - 4.25
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
Corn, canary, ogs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Potato, bgs., dom., c.l.....lb. .09¼- —
l.c.l., bgs.....lb. .10 - .10½
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Diamylamine, dms., c.l., works, lb. .50 - —
l.c.l., works.....lb. .53 - —
Diamylene, dms., c.l., works..lb. .105 - —
l.c.l., works.....lb. .112 - —
tanks, works.....lb. .095 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
import, Algerian, bgs., c.l., c.i.f. ton. No prices
Mexican, white, bgs., c.l., c.i.f. lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .53 - —
tanks, works.....lb. .48 - —
Diamyl sulphide, l.c.l., dms., works..lb. .25 - —
Dibutyl ether (see Ether, butyl).
Phthalate,[3] dms., c.l., dlvd.lb. .19 - .20
l.c.l., dlvd.....lb. .19½- .20½
tanks, dlvd.....lb. .18 - .19
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .87 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .037 - —
l.c.l. .....lb. .04½- —
tanks .....lb. .03 - —
Dichloropentanes, dms., c.l., works..lb. .037 - —
l.c.l. .....lb. .04½- —
tanks .....lb. .03 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylamino ethanol, l.c.l., dms., works, frt. alld. E. of Miss. river, l.c.l., dms..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethylcarbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Oxalate, dms., l.c.l., dlvd....lb. .28 - —
Diethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l. .....lb. .20½- —
tanks .....lb. .19 - —
Sulphate, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethyleneglycol, dms., c.l., works, lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .40 - .42
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works.lb. .19 - —
Dillseed, cleaned, bgs.....lb. .07¾- .08¼
Dimethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l., dlvd.....lb. .20½- —
tanks, dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd.lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .50 - .51
tanks .....gal. .51 - —
dest., dist., dms.....gal. .55 - .58
tanks .....gal. .48 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
cns. .....lb. .48 - .50
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-Divi, Colombian.....ton.43.00 - —
Venezuelan .....ton.47.00 - —
Doggrass root, imp. cut, NF, bls. lb. .90 - 1.00
domestic, bls.....lb. .36 - .37
Dogwood bark, Jamaica, bls...lb. .08 - .09
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05

Corrosive Sublimate—Dyes

Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green FD&C green, No. 2, cns. lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
FD&C green, No. 1, cns....lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
D&C orange, No. 11, cns...lb.17.35 - —



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- ☐ Witco Blanc Fixe
- ☐ Witcarb

Name_____ Title_____
Firm_____
Address_____
City_____ State_____
Dept. C

Dyes—Green, Chrome

Dyes, coaltar (certified colors), for drugs and cosmetics:—

Red, D&C red, No. 5	lb.	6.00	- —
D&C red, No. 17	lb.	8.35	- —
D&C red, No. 18	lb.	18.35	- —
D&C red, No. 19, cns.	lb.	15.35	- —
D&C red, No. 22, cns.	lb.	8.35	- —
D&C red, No. 33	lb.	13.35	- —
D&C red, No. 37, cns.	lb.	12.35	- —
Yellow, D&C yellow, No. 7, cns.	lb.	8.35	- —
D&C yellow, No. 3, cns.	lb.	8.35	- —
D&C yellow, No. 11	lb.	10.35	- —

Dyes, coaltar (certified colors), for external use drugs and cosmetics:—

Blue, Ext. D&C blue, No. 1, cns.	lb.	12.35	- —
Green, Ext. D&C green, No. 1, cns.	lb.	12.35	- —
Red, Ext. D&C red, No. 1, cns.	lb.	10.35	- —
Ext. D&C red, No. 3	lb.	21.85	- —
Ext. D&C red, No. 8	lb.	7.85	- —
Ext. D&C red, No. 10, cns.	lb.	12.35	- —
Ext. D&C red, No. 13, cns.	lb.	12.35	- —
Yellow, Ext. D&C yellow No. 1, cns.	lb.	8.85	- —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G	lb.	.65	- .70
40 Chrome yellow R	lb.	.50	- 1.00
53 Victoria violet	lb.	.80	- 1.00
165 Lake red C	lb.	.70	- .80
170 Fast red A	lb.	.56	- .60
180 Fast red VR	lb.	1.50	- 1.60
180 Lake red R, paste	lb.	.85	- .90
189 Lake red R, powd.	lb.	3.00	- 3.10
Sulphur tan	lb.	.30	- .50
202 Chrome blue black U	lb.	.32	- .40
204 Chrome black A	lb.	1.75	- 2.00
208 Fast red blue R	lb.	.75	- 2.00
216 Chrome red B	lb.	1.75	- 2.00
262 Cloth red 2B	lb.	.60	- .80
289 Fast cyanin 5R	lb.	.90	- 1.00
299 Chrome black F	lb.	.60	- .65
307 Fast cyanin black B	lb.	.80	- .85
326 Direct cast scarlet	lb.	2.00	- 2.25
304 Paper yellow	lb.	.88	- .90
365 Chrysophenin G	lb.	.58	- .70
394 Direct violet N	lb.	1.25	- 1.35
382 Direct scarlet B	lb.	1.50	- 1.75
387 Direct violet B	lb.	1.00	- 1.30
401 Developed black BHN, lb.		.45	- .60
406 Direct blue 2B	lb.	.25	- .30
413 Direct orange R	lb.	.60	- .70
419 Direct fast red F	lb.	.75	- .85
420 Direct brown M	lb.	1.00	- 1.10
448 Benzo purpurin 4B	lb.	.54	- .56
495 Benzo purpurin 10B	lb.	.40	- .50
502 Direct azurin G	lb.	.75	- .80
512 Direct blue RD	lb.	.80	- 1.00
518 Direct pure blue 6B	lb.	1.10	- 1.25
520 Direct pure blue	lb.	.50	- 1.00
529 Direct fast black, FF	lb.	.55	- 1.00
581 Direct black EW	lb.	.25	- .50
582 Direct black RX	lb.	.35	- .45
592 Direct green B	lb.	.75	- .80
594 Direct green G	lb.	1.00	- 1.05
596 Direct brown 3GO	lb.	.85	- 1.00
620 Direct yellow R	lb.	1.25	- 1.50
698 Acid violet	lb.	1.00	- 3.00
812 Primulin	lb.	.50	- .52
814 Direct fast yellow	lb.	2.00	- 2.25
843 Nigrosin (water soluble), lb.		.35	- .50
1177 Indigo, 20 p.c. paste	lb.	.15	- .18
Benzo fast black L	lb.	.90	- 1.00
Sulphur black	lb.	.20	- .25
Sulphur blue	lb.	.40	- 1.00
Sulphur brown	lb.	.25	- .50
Sulphur maroon	lb.	.40	- —
Sulphur olive	lb.	.25	- .54
Sulphur yellow	lb.	.30	- .50
Zambesi black	lb.	.75	- .80

Black:—

865 Nigrosin derivatives	lb.	.38	- .62

Blue:—

1075 Alizarin astrol base	lb.	15.00	- —
1078 Alizarin cyanin green base	lb.	6.00	- —

Brown:—

Brown	lb.	1.15	- —

Green:—

1078 Alizarin cyanin green	lb.	5.00	- —
Green	lb.	.75	- —

Orange:—

24 Sudan I	lb.	.75	- —
Red shade	lb.	.75	- —

Red:—

75 Sudan II	lb.	1.05	- —
258 Sudan IV	lb.	.95	- —
749 Rhodamine B (oil pink), lb.		2.50	- —
1080 Anthraquinone violet base	lb.	6.00	- —
680 Oil violet	lb.	.50	- —

Yellow:—

15 Amidoazobenzene yellow	lb.	.90	- —
17 Amidoazotoluene yellow, lb.		.75	- —
61 Yellow OB	lb.	1.40	- 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—

Black:—

864 Nigrosin	lb.	.38	- .47

Blue:—

860 Indulin	lb.	.60	- .70

Brown:—

331 Bismarck brown	lb.	1.50	- —

Green:—

637 Malachite green base	lb.	2.00	- —

Orange:—

20 Chrysoidin G	lb.	.95	- —
21 Chrysoidin R	lb.	.90	- —

Red:—

677 Fuchsin, magenta, base, lb.		7.25	- —
749 Rhodamine B	lb.	4.75	- —

Yellow:—

67 Amidoazotoluene yellow, lb.		.75	- —
655 Auramine	lb.	2.00	- —
800 Chinolin yellow SS	lb.	2.00	- —

Violet:—

680 Methyl violet base	lb.	.85	- —

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—

246 Naphthol blue black S	lb.	.50	- —
873 Methylene gray	lb.	1.50	- —

Blue:—

714 Patent blue A	lb.	1.05	- 1.10
729 Victoria blue B	lb.	1.85	- —
861 Indulin	lb.	.87	- —
909 New blue R	lb.	1.30	- —
922 Methylene blue	lb.	1.00	- —
1054 Alizarin saphirol B	lb.	1.90	- —
1180 Indigotin IA	lb.	.85	- —

Brown:—

234 Resorcin brown Y	lb.	.65	- —
235 Resorcin dark brown R, lb.		.56	- —
231 Bismarck brown G	lb.	.47	- .62
332 Bismarck brown R	lb.	.47	- .62
793 Phosphin	lb.	4.65	- —

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Green:—

5 Naphthol green B	lb.	1.00	- —
657 Malachite green	lb.	1.35	- —
662 Brilliant green	lb.	2.00	- —
696 Guinea green B	lb.	1.15	- —
737 Wool green S	lb.	.58	- —
924 Methylene green B	lb.	1.55	- —
1078 Alizarin cyanin green	lb.	2.25	- —

Orange:—

10 Chrysoidin G	lb.	.44	- —
21 Chrysoidin R	lb.	.41	- —
27 Orange G	lb.	.50	- —
151 Orange Y	lb.	.30	- —
161 Orange R	lb.	.34	- —
31 Amidonaphthol red G	lb.	.42	- —
37 Amidonaphthol red 6B, lb.		.68	- —
79 Popceau R	lb.	.48	- —
88 Fast red B	lb.	1.05	- —
176 Fast red A	lb.	.54	- —
179 Azorubin	lb.	.60	- .62
183 Crocein scarlet 3BX	lb.	.72	- .75
185 Cochineal red A	lb.	.60	- —
262 Brilliant crocein M	lb.	.68	- —
677 Fuchsin	lb.	2.10	- —
749 Rhodamine B	lb.	3.50	- —
752 Rhodamine 6G	lb.	4.50	- —
768 Eosin G	lb.	1.50	- —
841 Safranin	lb.	1.45	- —

Violet:—

680 Methyl violet B	lb.	.75	- —
681 Crystal violet C	lb.	1.75	- —
695 Acid violet 4BN	lb.	.88	- —

Yellow:—

10 Naphthol yellow S	lb.	.88	- —
138 Metanil yellow	lb.	.53	- —
636 Fast light yellow	lb.	1.25	- —
639 Xylene light yellow	lb.	1.15	- —
640 Tartrazin	lb.	.80	- —
655 Auramine	lb.	1.27	- —

Dyes, natural (see name of article).

E

Echinacea root, bls.	lb.	.18	- .19
Egg albumen (see Albumen). yolk, dried, dom., bbls.	lb.	.95	- .97
imported	lb.	.92	- .95
Elder flowers, bright, bls.	lb.	.85	- 1.00
Elecampane root, bls.	lb.	.14	- .15
Elm bark, grinding, bls.	lb.	.11	- .12
powd., bbls., bxs.	lb.	.19	- .20
select, bndls.	lb.	.19	- .21
Emetine hydrochloride, bots.	oz.	26.00	-34.50
Ephedra, bls.	lb.	.12	- .13
Ephedrine, synth., USP, hemihydrates, bots., 100 ozs. or more	oz.	.65	- —
anhyd., bots., 100 ozs. or more	oz.	.70	- —
Hydrochloride, tins, 100 ozs. or more	oz.	.50	- —
Sulphate, cryst., tins, 100 ozs. or more	oz.	.48	- —
natural, USP, anhydrous, bots.	oz.	1.15	- 1.65
hydrochloride or sulphate, tins	oz.	.93	- 1.45
Epsom salt, tech., bgs.	100 lbs.	1.80	- —
bbls.	100 lbs.	1.90	- —

Epsom salt prices on technical and USP are on the basis of freight equalized with Baltimore, Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

USP, cryst., dom., bgs., c.l.,	100 lbs.	2.00	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	- —
smaller lots	100 lbs.	2.50	- —
bbls., c.l.	100 lbs.	2.10	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	- —
smaller lots	100 lbs.	2.60	- —
kgs., c.l.	100 lbs.	2.35	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	- —
smaller lots	100 lbs.	2.85	- —
dried, bgs., l.c.l.		.08	- .09
Ergot, USP, cns., dms.	lb.	1.80	- 2.00
Eserine, bots.	oz.	No prices	
Salicylate, bots.	oz.	42.00	-48.00
Sulphate, bots.	oz.	42.00	-48.00
Ether, acetic (see Ethyl acetate, Butyl, l.c.l., dlvd.	lb.	.26	- .28
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs.,	lb.	.73	- —
Sulphuric, conc., 310-lb. dms.	lb.	.11	- —
27-lb. dms.	lb.	.16	- —
Synth., dms., c.l., works	lb.	.10	- —
l.c.l., works	lb.	.11	- —
tanks	lb.	.08	- —
USP, anesthesia, hospitals, 1-lb. cns.	lb.	.52	- .53
Amyl, dms., car lots, works.,	lb.	.0950-	—
l.c.l., works	lb.	.1020-	—
tanks, works	lb.	.0850-	—
Ethyl acetate,[2] 85-90%, dms., c.l., frt. alld.	lb.	.08½-	.09½
l.c.l., frt. alld.	lb.	.09 -	.10
tanks, frt. alld.	lb.	.07½-	.08½
95-98%, dms., c.l., frt. alld.	lb.	.08¾-	.09¾
l.c.l., frt. alld.	lb.	.09¾-	.10¾
tanks, frt. alld.	lb.	.07¾-	.08¾
NF, 390-lb. dms.	lb.	.10 -	—
cns., 35 lbs.	lb.	.14 -	.15
Acetoacetate, dms., c.l., wks.	lb.	.29½-	—
l.c.l., dms., works	lb.	.30 -	—
Benzoate, bots.	lb.	1.00 -	1.25
Bromide, tech., dms.	lb.	.50 -	.55
Caproate, cns.	lb.	1.06 -	—
Chloride, dms.	lb.	.18 -	.20
Cinnamate, cns.	lb.	3.50 -	3.75
Formate, cns., dms.	lb.	.25 -	.26
Iodide, bots.	lb.	3.50 -	3.60
Lactate, 55-gal. dms., works,	lb.	.33½-	—
5-gal. dms., works	lb.	.37½-	.39½
Oenanthate, dms.	lb.	.75 -	1.25
Oxalate, dms., frt. alld.	lb.	.25 -	—
Oxybutyrate, bots.	gal.	4.00 -	6.00
Silicate, l.c.l., dms., works	lb.	.77 -	—
Vanillin, 25-lb. lots, cns.	lb.	4.75 -	6.00
5-lb. lots, cns.	lb.	4.80 -	6.05
1-lb. lots, cns.	lb.	4.95 -	6.15
Ethylcellulose, std. cans, 5,000 lbs. or more, frt. alld.	lb.	.45 -	—
less than 5,000 lbs., same basis.	lb.	.47 -	—
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0742-	—
West of Rockies, same basis	lb.	.0792-	—
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0795-	—
West of Rockies, same basis	lb.	.0841-	—
Ethyleneglycol, dms., c.l.	lb.	.14½-	—
l.c.l.	lb.	.15½-	.18½
tanks	lb.	.13½-	—
Monobutylether, dms., c.l., wks.	lb.	.16½-	—
l.c.l., works	lb.	.17½-	.20½
tanks, works	lb.	.15½-	—
Ethyleneglycol, monoethylether, dms., c.l., works.	lb.	.14½-	—
l.c.l., works	lb.	.15½-	.16½
tanks, works	lb.	.13½-	—
Monoethylether, acetate, dms., c.l., works.	lb.	.11½-	—
l.c.l., dms.	lb.	.12½-	.13½
tanks, works	lb.	.10½-	—
Monomethylether, dms., c.l., works.	lb.	.15½-	—
l.c.l., works	lb.	.16½-	—
tanks, works	lb.	.14½-	—
Ethylidinaniliin, dms.	lb.	.45 -	.47½
Eucalyptol, cns., dms.	lb.	1.50 -	1.60
Eucalyptus leaves, bls.	lb.	.11 -	.12
Eugenol, cns., dms.	lb.	2.40 -	2.50
Euphorbia, bls.	lb.	.09 -	.10

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00	-17.50
l.c.l., minimum 2 tons	ton.	17.00	-20.50
glass, 20 mesh, bulk, works.	ton.	9.75	-12.25
l.c.l., minimum 2 tons	ton.	12.75	-16.25
pottery, bulk, Me., works	ton.	17.00	-19.00
N.C., works	ton.	17.00	-19.00
l.c.l., minimum 2 tons.	ton.	20.00	-22.00
Fennel seed, Argentine, bgs.	lb.	.13 -	.13½
Indian, bags	lb.	.09 -	.09½
Roumanian, bags	lb.	.11½-	.12
Fenugreek, seed, bgs.	lb.	.07½-	.08
Ferric, sulphate, anhyd., c.l., works.	ton.	35.00	- —
l.c.l.	ton.	40.00	- —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works.	lb.	.12	- —
smaller lots, works.	lb.	.13	- —
light, cs., 1,000 lbs. or over, works.	lb.	.13	- —
smaller lots, works.	lb.	.15	- —
water white, cs., 1,000 lbs. or over, works.	lb.	.14	- —
smaller lots, works.	lb.	.15	- —
Fir balsam, Canada, cns.	gal.	13.50	-15.00
Oregon, bbls.	gal.	1.25	- 1.35
Fish berries, bgs.	lb.	.26	- .27
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures, unit-ton.		4.75 &	.10
meal, bgs., f.o.b. Balto.	ton.	70.00	- —
6-7% ammon., 3% phosphor. acid, bulk, Chesapeake Bay factories, contracts.	unit-ton.	2.75 &	.50
sardine, Japanese, 11½% ammon., bgs., c.l.f. ports.	ton.	No prices	
Flake white, dom., bbls.	lb.	.09	- —
kegs	lb.	.11	- —
Flaxseed, French, black, bgs.	lb.	.55	- .60
Indian, blonde, bgs.	lb.	.11	- .12
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines.	net ton.	32.00	- —
washed gravel, 85.5 f.o.b. Ky. and-Ill.-Ky. mines.	net ton.	22.00	-23.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines.	ton. net ton.	22.00	-23.00
imported, 85.5, duty paid.	short ton.	26.00	- —
Formaldehyde,[1,3,4,6] bbls., c.l., works.	lb.	.0550-	.0575
l.c.l., works	lb.	.06 -	.0625
dms., c.l., works	lb.	.0515-	.0540
l.c.l., works	lb.	.0565-	.0590
tanks	lb.	.04 -	.04¼

Formaldehyde prices are under 4¼c. to 9½c. OPA ceiling.

Fringetree bark, bls.	lb.	.14 -	.15
Fullers earth, dom., powdered, bgs., c.l., f.o.b. Fla., Ga. mines.	ton.	8.50	-15.00
f.o.b. Tex. mines	ton.	12.50	- —
import, Eng., bgs., c.l., dlvd. N.Y.	ton.	30.00	-40.00
Furfural, ref., dms., c.l., works.	lb.	.15 -	—
l.c.l., works	lb.	.17½-	.25
tech., dms., contracts, 150,000 lbs.	lb.	.10 -	—
tanks, works	lb.	.09 -	—
dms., c.l., works	lb.	.12½-	—
l.c.l., works	lb.	.15 -	.20
Fusel oil, refd., dms., incl., dlvd.,	lb.	.17½-	.19½
Fustic, cryst., bgs., No. 1	lb.	.32 -	—
No. 2	lb.	.30 -	—
No. 3	lb.	.28 -	—
extract, bbls., No. 1	lb.	.16 -	—
No. 2	lb.	.15 -	—
No. 3	lb.	.12½-	—

G

G salt, bbls.	lb.	.45 -	—
Galangal root, bls.	lb.	.11 -	.12
Gambier, common, cases	lb.	.09½-	—
plantation, cases	lb.	.12	Nom.
cubes, Singapore, cases	lb.	.09½-	.10
extract, bbls.	lb.	.09¼-	.12
Gasoline[2] at refinery:— Bayonne, US motor, tanks, ex tax.	gal.	.08 -	—
California (f.o.b. San Francisco), regular, trucks, tax incl.	gal.	.14½-	—
Gulf Coast, US motor, 72-74 octane, tanks, ex tax.	gal.	.07½-	—
Louisiana-Arkansas, US motor, 72-74 octant, tanks, ex tax.	gal.	.05⅞-	.06⅛
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax.	gal.	.05⅝-	.06⅝
natural, 18-53, tanks	gal.	.05¼-	—
26-70, tanks	gal.	.04¼ -	—
Gelatin, silver, cs.	lb.	.80 -	1.00
Gelsemium root, bls.	lb.	.14 -	.15
Gentian root, bls.	lb.	.70 -	.75
grd., bbls., bxs.	lb.	.72 -	.77
powd., bbls., bxs.	lb.	.74 -	.79
Geraniol, 92-96%, cns., dms.	lb.	2.50 -	3.50
other grades, cns., dms.	lb.	1.50 -	1.90
soap, cns., dms.	lb.	1.10 -	1.50
Ginger, African, No. 1, bgs.	lb.	.30 -	.31
Cochin, bgs.	lb.	.22 -	.22½
Jamaica, bold, bgs.	lb.	.42 -	.43
medium, bgs.	lb.	.38 -	.39
grinding, bright, bgs.	lb.	.35 -	.35½
Ginseng root, wild Southern, cs.	lb.	12.00	-13.00
Glauber's salt, anhyd. (see Soda Sulphate). cryst., dom., bgs., bbls., c.l., works.	100 lbs.	1.05	- 1.23
5 tons or over, works.	100 lbs.	1.15	- 1.35
less than 5 tons, works.	100 lbs.	1.25	- 1.45
import, bgs.	100 lbs.	No prices	

Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd. East or Midwest	lb.	.16	Nom.
l.c.l.	lb.	.17	Nom.
36/38, c.l.	lb.	.15½	Nom.
l.c.l.	lb.	.16½	Nom.
58/82, c.l.	lb.	.17	Nom.
l.c.l.	lb.	.18	Nom.
82/108, c.l.	lb.	.17½	Nom.
l.c.l.	lb.	.18½	Nom.
58 millipoise, 135 jelly-grams, bgs., c.l., dlvd. East or Midwest.	lb.	.19	Nom.
l.c.l.	lb.	.20	Nom.
60/164, c.l.	lb.	.19½	Nom.
l.c.l.	lb.	.20½	Nom.
67/122, c.l.	lb.	.21½	Nom.
l.c.l.	lb.	.22½	Nom.
75/222, c.l.	lb.	.24¼	Nom.
l.c.l.	lb.	.22½	Nom.
68/251, c.l.	lb.	.24½	Nom.
l.c.l.	lb.	.25½	Nom.
92/283, l.c.l.	lb.	.26½	Nom.
l.c.l.	lb.	.28½	Nom.
102/315, c.l.	lb.	.27½	Nom.
l.c.l.	lb.	.28½	Nom.
113/347, c.l.	lb.	.28	Nom.
l.c.l.	lb.	.28	Nom.
125/379, c.l.	lb.	.29	Nom.
l.c.l	lb.	.30	Nom.

Glue prices for barrel packing are ½c. per lb. higher; grinding charges, 20-40 mesh, ½c. per lb.; 60 mesh, 1c. per lb.

Glycerin[1], Zones A and C, C.P., (B.P. 98%), drums, carlots, dlvd.	lb.	.13¾-	—
less carlots, dlvd.	lb.	.13¼-	—
tanks, dlvd.	lb.	.13½-	—
C.P. (USP 95%), drums, carlots, dlvd.	lb.	.13¼-	—
less carlots, dlvd.	lb.	.13¾-	—
tanks, dlvd.	lb.	.13 -	—
dynamite, high gravity, yellow distilled, drums, carlots, dlvd.	lb.	.13¼-	—
less carlots, dlvd.	lb.	.13¾-	—
tanks, dlvd.	lb.	.13 -	—
Soaplye, 80%, drums, carlots, dlvd.	lb.	.11½-	—
less carlots, dlvd.	lb.	.11½-	—
tanks, dlvd.	lb.	.11½-	—
Saponification, 88%, to refiners, drums, c.l., dlvd.	lb.	.12¾-	—
less carlots, dlvd.	lb.	.12¾-	—
tanks, dlvd.	lb.	.12¾-	—
Saponification, 88%, for individual uses, drums, carlots, f.o.b. point of manufacture.	lb.	.13¾-	—
less carlots, same basis.	lb.	.14¾-	—
tanks, same basis.	lb.	.12¾-	—

Glycerin prices in Zone B are 2c. higher.

Zone A means all points east of and including N. Dak., S. Dak., Neb., Kansas, Omaha, Texas, Laramie County, Wyo.; Col., east of but not including the following counties:—Jackson, Grand, Gilpin, Jefferson, Douglass, Teller, Fremont, Custer, Huerfano, and Costilla.

Zone B means the territory between Zones A and C, as follows:—Washington, east of and including the following counties:—Okanogan, Chelan, Kittitas, Yakima, Klickitat; Ore., east of and including the following counties:—Hood River, Wasco, Jefferson, Deschutes, Klamath; Nev., Ariz., New Mex., that part of Col. west of and including those counties mentioned above; Utah, Wyo., excepting Laramie County; Idaho and Mont.

Zone C means the territory west of Zone B.

Glycine, medicinal, bbls., tins.	lb.	1.70	- 2.00
Glycol boriborate, dms.	lb.	.22	- —
Phthalate, dms.	lb.	.38	- —
Stearate, dms.	lb.	.26	- —
Gold, U.S. purchase price	oz.	35.00	- —
Chloride, acid brown, both.	oz.	20.75	-21.00
yellow, bots.	oz.	18.75	-19.00
Gold-soda chloride, photo., bots.,	oz.	13.00	- —
USP IX, bots.	oz.	14.50	-14.75
Gold of pleasure, seed, bgs.	lb.	.19	- .20
Goldenseal, root, bls.	lb.	3.50	- 3.60
powd., bxs.	lb.	3.75	- 3.85
Grains of Paradise, bgs.	lb.	.34	- .35
Graphite, flake (cryst.), 90% 325 mesh, 50% graphite carbon, bgs., c.l., works.	lb.	.07	- —
bbls., c.l., works	lb.	.07½-	—
l.c.l., works	lb.	.07½-	—
powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works.	lb.	.02½-	—
l.c.l., works	lb.	.03¼-	—
bbls., c.l., works	lb.	.02¾-	—
80% graphite, carbon, bgs., c.l., works.	lb.	.03¼-	—
bbls., c.l., works	lb.	.03¾-	—
l.c.l., works	lb.	.04½-	—
Grease, house, loose	lb.	.08¾-	.08½
white, loose	lb.	.09 -	.09¼

Wool (see Adeps lanae and Degras).

Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .23 - —

6-10%, bbls., same basis. lb. .24 - —
11-15%, bbls., same basis. lb. .25 - —
16-20%, bbls., same basis. lb. .25½ - —
21-25%, bbls., same basis. lb. .26 - —
26-30%, bbls., same basis. lb. .26½ - —
31-35%, bbls., same basis. lb. .27½ - —
36-40%, bbls., same basis. lb. .29 - —
41-45%, bbls., same basis. lb. .30½ - —
46-50%, bbls., same basis. lb. .32 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago reduced, CP, color content up to 5%, same basis. lb. .08½- —

9-10%, bbls., same basis. lb. .07¼- —
11-13%, bbls., same basis. lb. .07¾- —
14-16%, bbls., same basis. lb. .08 - —
17-19%, bbls., same basis. lb. .08¼- —
20-21%, bbls., same basis. lb. .08½- —
22-23%, bbls., same basis. lb. .08¾- —
24-25%, bbls., same basis. lb. .09 - —
26-27%, bbls., same basis. lb. .09¼- —
28-29%, bbls., same basis. lb. .09¾- —
30-31%, bbls., same basis. lb. .10¼- —
32-33%, bbls., same basis. lb. .11¾- —
34-35%, bbls., same basis. lb. .12¾- —
36-40%, bbls., same basis. lb. .14¾- —
41-45%, bbls., same basis. lb. .16¾- —
46-50%, bbls., same basis. lb. .17¾- —
51-55%, bbls., same basis. lb. .17¾- —
56-60%, bbls., same basis. lb. .18¾- —
61-65%, bbls., same basis. lb. .18¾- —
66-70%, bbls., same basis. lb. .19¾- —
71-75%, bbls., same basis. lb. .20¾- —

Green, chrome oxide, dom., pure, bbls..lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs.....lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .85 - .90
Wood, bls.....lb. .04 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Gum, guarana, powd., cs.....lb. 1.20 - 1.25
Aloe (see A).
Ammoniac, tears, cs.....lb. .80 - .85
Arabic, amber sort, cleaned, bgs..lb. .17½- .18
powd., bbls.....lb. .21½- .22
white, sorts, 1, bgs.....lb. .33 - .35
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 2.75 - 3.00
Sumatra, cs.....lb. .26 - .28
Camphor (see C).
Chicle, prime, 33⅓ moisture, bgs., ton lots..lb. .40 - .42
Copal, Congo, 1, water white transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading packed in bags, unless otherwise specified; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
2, water white.....lb. .29½- —
3, selected pale straw, bold, lb. .24½- —
4, pale straw, bold.....lb. .24 - —
5, pale straw, bold.....lb. .22½- —
6, pale amber, bold.....lb. .21½- —
7, pale straw, bold.....lb. .17 - —
8, light amber, bold.....lb. .17 - —
9, medium light amber, bold, lb. .13⅞- —
10, rescraped hard amber, bold..lb. .13⅝- —
11, hard dark amber, bold lb. .12¾- —
12, selected bold sorts....lb. .11⅞- —
13, dark sorts bold.....lb. .09¼- —
14, selected, fully scraped, ivory..lb. .23⅜- —
15, ordinary ivory sorts,..lb. .10⅝- —
16, inferior ivory sorts...lb. .09½- —
17, pale fingers.....lb. .18⅝- —
18, pale straw nubs.....lb. .19½- —
19, pale straw nubs.....lb. .18⅝- —
20, hard dark amber nubs, lb. .13¼- —
21, ordinary selected nubs, lb. .12¾- —
22, small mixed nubs.....lb. .10⅝- —
23, dark mixed nubs.....lb. .11⅞- —
24, No. 1, ivory nubs.....lb. .17¼- —
26, pale small nubs.....lb. .10⅝- —
27, pale small nubs.....lb. .10¼- —
28, pale dust.....lb. .06¾- —
Batu, bold scraped.....lb. .11¼- —
unscraped.....lb. .10¼- —
chips.....lb. .07¼- —
dust.....lb. .07 - —
nubs and chips.....lb. .07¼- —
black, bold, scraped.....lb. .12½- —
unscraped.....lb. .08 - —
nubs and chips.....lb. .07¾- —
Hiroe, Macassar, pale bold, lb. .17⅝- —
chips.....lb. .11½- —
dust.....lb. .07 - —
nubs.....lb. .13⅝- —
Singapore, Rasak, bold....lb. .22⅝- —
chips.....lb. .12⅝- —
dust.....lb. .07 - —
nubs.....lb. .17¾- —
Manila, Boeas, amber and dark, bskts..lb. .14 - —
light, bskts.....lb. .15⅝- —
Loba A, bskts.....lb. .14½- —
B, bskts.....lb. .14¼- —
C, bskts.....lb. .13⅝- —
CNB, bskts.....lb. .10½- —
D, bskts.....lb. .13¼- —
DK, bskts.....lb. .10 - —
dust, bskts.....lb. .07⅞- —
Sambas and white split chips, bskts..lb. .15⅝- —
Singapore, dust, bskts.....lb. .07⅞- —
Spirit-soluble, CBB, bskts. lb. .13½- —
DBB, bskts.....lb. .12¼- —
MA, bskts.....lb. .10¼- —
MB, bskts.....lb. .09⅝- —
WS, bskts.....lb. .12¼- —
Philippine, Manila, amber sorts, bskts..lb. .10⅝- —
chips, pale, bskts.....lb. .13½- —
pale, small, bskts.....lb. .11⅞- —
extra pale, sorts, bskts...lb. .13¾- —
nubs, bskts.....lb. .14¼- —
scraped, bskts.....lb. .15½- —
seeds and dust, bskts....lb. .09¼- —
Pontianak, bold, genuine, bgs. lb. .22⅞- —
mixed, bgs.....lb. .17⅞- —
split, bgs.....lb. .19⅝- —
chips, bgs.....lb. .12⅝- —
nubs, bgs.....lb. .18⅞- —
Dammar, Batavia, A, cs., same basis as copal..lb. .35¾- —
A/C, cs.....lb. .31¼- —
A/D, cs.....lb. .28⅝- —
A/E, cs.....lb. .25⅝- —
B, cs.....lb. .34⅝- —
C, cs.....lb. .28⅝- —
D, cs.....lb. .25⅝- —
dust, cs.....lb. .13⅜- —
E, cs.....lb. .18⅝- —
F, cs.....lb. .13⅜- —
Singapore, 1, cs.....lb. .30⅝- —
2, cs.....lb. .25⅜- —
3, cs.....lb. .12⅝- —
chips, cs.....lb. .23⅛- —
dust, cs.....lb. .13 - —
seeds, cs.....lb. .17⅝- —
Elemi, cns., same basis as copal..lb. .08¾- —
Ester, ordinary, c.l., dms., contract, dlvd. New Eng., N. Y., (N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .08½- .09⅛
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .09 - .10
Pacific Coast (water shipt.)..lb. .08½- .10
Other points.....lb. .08¾- .10⅛

For delivery of 3,000 pounds, prices are ¼c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case. Spot prices are ½c. per pound higher.

Gum, Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.40 - 1.50
Gamboge, pipe, cs.....lb. .95 - 1.00
powd., bbls.....lb. 1.05 - 1.10
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l.lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .15½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .17¾- —
Kino, tins.....lb. No prices
Locust bean, powd., bbls....lb. 1.10 - 1.15
Mastic, cs.....lb. 2.85 - 3.00
Myrrh, USP, cs.....lb. .50 - .55
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb. .20 - .35
Opium (see O).
Rosin (see R).
Sandarac, cks.....lb. .92 - .95
Scammony, cs.....lb. 1.10 - 1.25
Talha, bgs.....lb. .08 - .09
Thus, bbls.....280 lbs.16.50 - —
Tragacanth, Alleppo, 1 cs....lb. 3.25 - 3.40
2 cs.....lb. 2.70 - 2.80
3 cs.....lb. 1.10 - 1.20
Yacca, bgs.....lb. .06½- .07¾

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
New Brigton, N.Y.; frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N.Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald.. ton. 8.00 - —

Green, Chrome—Henna

Terra Alba, dom., paper bgs., c.l., f.o.b. New Brighton, N.Y.; Southard, Okla..ton.12.00 - —
Harlem River, N.Y..ton.12.00 - —
import, bgs., ex dock....ton. No prices

H

Hawthorn berries, bgs.....lb. .45 - .46
Heliotropin, cryst., cns.....lb. 4.25 - 5.00
Hellebore root, write, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .60 - .61
Hematine, cryst., bgs., No. 1..lb. .34 - —
No. 2..lb. .30 - —
No. 3..lb. .28 - —
No. 4..lb. .26 - —
No. 5..lb. .24 - —
paste, bxs, No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks, works.....lb. .03 - —
Hempseed, Manchur, bgs.....lb. .09½- .10
Henbane leaves, bbls.....lb. 3.25 - 3.30
Henna leaves, bls.....lb. .27 - .28
powd., bbls., bxs.....lb. .30 - .31

As defense demands grow, so does the capacity of

HOOKER

plants. New buildings have been added. Others are under construction. More are planned. Departments have been reorganized to accommodate increased personnel. Much new production equipment has been installed. More is to come.

The effort to take care of customers will continue unabated. So will the maintenance of every safeguard to the quality of HOOKER Chemicals. And the HOOKER technical staff is available at all times for assistance in solving problems related to the production and use of chemicals.

INDUSTRIES SERVED BY HOOKER CHEMICALS

Abrasive
Anaesthetic
Anti-Freeze
Battery
Ceramic
Chemical
Coal Tar
Container
Dairy
Dye
Electrical
Ferro Alloy
Flour
Food
Fungicide
Insecticide
Laundry
Lead Refining
Leather
Lubricant
Metal (Non Ferrous)
Metal Cleaning
Metal Polish
Metallurgical
Paint
Perfume
Petroleum
Pharmaceutical
Photo Engraving
Plastic
Pulp and Paper
Rayon
Rubber
Shellac
Soap
Soft Drink
Steel
Textile
Tobacco
Tooth Paste
Vegetable Oil
Water Purification
Wire
AND MANY OTHERS

HOOKER ELECTROCHEMICAL COMPANY
NIAGARA FALLS, NEW YORK
NEW YORK CITY • TACOMA, WASHINGTON

HOOKER HE CO ELECTROCHEMICAL

357

Heptane—Magnesium Hypophos.

Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09 - —
Normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,3,4] tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, tanks, Group 3, gal. .09¾- —
dms., c.l., dlvd., Group 3.. gal. .24 - —
l.c.l., 5 or more, dlvd., Group 3..gal. .29 - —
1-5, dlvd., Group 3....gal. .38 - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, 25 oz., bots..oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 3.00 - 3.05
Hops, N.F., bls.....lb. .20 - .21
Horehound, bls.....lb. .11 - .12
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.20.00 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works...lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. River: West Coast via Panama Canal..lb. .16 - .18½
Hydroquinone, dealers, bbls., dms. lb. .90 - .94
Hydroxycitronellal, cns.....lb. 5.90 - 6.05
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.37.50 - —
Hydrobromide, bots.....oz.37.50 - —
Sulphate, bots.....oz.37.50 - —
Hypernic, cryst., bgs., No. 1..lb. .42 - —
No. 2..lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2..lb. .19 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indium metal.....oz.12.50 - —
Indol, CP, bots.....lb.35.00 Nom.
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
beta, bots.....lb. 3.90 - 3.95
Methyl, alpha, 100%, cns...lb. 4.35 - —
Ipecac root, bgs.....lb. 1.65 - 1.70
powd., bxs.....lb. 1.70 - 1.75
Irish moss, ordinary, bls.....lb. .25 - .28
powd., 80-90 mesh, bbls..lb. .35 - .38
prime bleached, bls.....lb. .32 - .34
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald...lb. .05 - .06
kegs, works, frt. alld. or equald...lb. .07½- .08
liquor, cbys., wks., frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
solut. cbys., works, frt. alld. or equald...lb. .06¼- .07
djns. .....lb. .07½- —
Citrate, USP VIII, pearls...lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.80 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms...lb. 1.50 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, cbys.....lb. .39 - .40
bots. .....lb. .53 - —
Nitrate, red, tech., dms....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns. .....lb. .52 - —
scales, cns.....lb. .82 - .85
Oxide, black, bbls., works...lb. .08 - —
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms.. lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms.. lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms.. lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia ovalate, bbls..lb. .23½- —
dms., kgs.....lb. .25½- —
Iron-soda ovalate, bbls.....lb. .23½- —
dms. .....lb. .25½- .26½
Isobutyl acetate, 55-gal. dms.. works..lb.0860 - —
tanks, works.....lb.0760 - —
Propionate, dms., works...lb. .102 - —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropylamine, dms., works...lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .12 - —
c.l., E. of Rockies, frt. alld. lb. .03½- —
l.c.l., E. of Rockies, frt. alld...lb. .09 - —
tanks, E. of Rockies, frt. alld..lb. .07½- —
Alcohol (see Alcohol).
Ether, dms., 5 gals., frt. alld. gal. .55 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .46 - .56
powd., bbls., bxs.....lb. .51 - .60
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. .70 - .90

K

Kamala, tins.....lb. .33 - .34
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene[2] at refinery:—
Bayone, 41-43 w.w., tanks, gal. .05½- —
California (f.e.b. San Francisco), truck..gal. .11½- —
Gulf ports, p.w., bulk.....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., blk..gal. .04⅝- .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04⅝- .04⅝
Pennsylvania, 45 w.w., tanks, gal. .06¼- .06½
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .43 - .45
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.11.25 -11.50
Middlewestern, trcs....100 lbs.10.30 -10.40
Neutral, trcs.....100 lbs.11.50 -11.75
Western, choice, trcs..100 lbs.10.40 -10.50
Compound, trcs.....100 lbs.15.00 -15.25
Larkspur seed, bgs.....lb. 4.00 Nom.
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .58 - .59
Portuguese, bls.....lb. .21 - .22
Lavender flowers, ordinary, bls.lb. .60 - .65
medium, bls.....lb. .83 - .85
select, bls.....lb. .95 - 1.00
Lead,[3] metal (see paint market).
Acetate, white, broken, bbls. lb. .12 - .12½
cryst., bbls.....lb. .12 - .12½
gran., bbls.....lb. .12⅝- .13½
powd., bbls.....lb. .12⅝- .13½
Arsenate, bls., c.l.....lb. .09 - .11
l.c.l., bgs.....lb. .09½- .11½
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06⅝- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07 - —
l.c.l., dlvd. E.....lb. .07 - —
Ariz., Cal., Col., Idaho, Mont., Nev., N.M., Ore., Utah, Wash., Wyo..lb. .07½- —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs..lb. .49 - —
Iodide, NF V, powd., 5-lb. bots. lb. 2.80 - —
jars .....lb. 2.60 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Peroxide, powd., bbls., tech..lb. .23 - —
Oleate, bbls.....lb. .18½- .20
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0860- —
Other points.....lb. .0835- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash...lb. .09 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. Colo., Mont., N. Mex., Wyo..lb. .09½- —
other points.....lb. .08¾- —
smaller lots, Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¾- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0885- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .09 - —
smaller lots, dlvd. Ala..lb. .09¾- —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc. lb. .0910- —
other points.....lb. .0885- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09½- —
smaller lots, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
in oil, 95% min., 100-lb. kgs. lb. .12¼- —
Lead, resinate, fused, 15%, bbls., lb. .09½- —
pale, bbls.....lb. .11½- —
Silicate, bgs., 5 tons.....lb. .0650- —
smaller lots.....lb. .0701- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titinate, bgs. or bbls., c.l., basic sulphate, bbls., c.l. (20 tons), works, frt. alld..lb. .10¼- —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .10¼- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld..lb. .10¾- —
Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., dlvd. Ariz., etc...lb. .08 - —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc.....lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd. Ariz., etc...lb. .07½- —
other points.....lb. .07 - —
in oil, 100-lb. kgs., consumers, lb. .13¼- —
dealers .....lb. .11¼- —
painters .....lb. .12¼- —
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b. N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis. lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .87½
grade 4, dms., c.l., same basis. lb. .40 - —
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .20 - .25
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, natural, bls.....lb. .28 - .30
powder, bbls., bxs.....lb. .32 - .36
select, bdls., cs.....lb. .90 Nom.
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va...ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
Hydrated, paper bgs., f.o.b.:—
Adams., Mass.....ton. 8.50 - —
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va...ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
Spray, paper bgs., f.o.b.—
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs. or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis..lb. .08½- .09½
dms., same basis.....lb. .12 - —
Solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks. gal. .06½- —
30-50, dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd. gal. .07½- —
30-50, dms.....gal. .10½- .14½
Zone 4, tanks, dealers, wks. gal. .08 - —
dms., wks., except Cal.gal. .12 - —
Lime-sulphur solut., Zone 5, tanks, dealers, dlvd..gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
30-50, dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. river; Penn., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 4.75 - 5.00
Linalyl acetate, 70%, cns.....lb. 5.50 - 6.00
90%, cns.....lb. 6.50 - 6.75
92%, cns.....lb. 7.00 - 7.25
Linden flowers, bls.....lb. 1.45 - 1.50
without leaves, bls.....lb. No stocks
Linseed, meal, bgs.....ton.31.00 - —
Litharge, com'l powd., bbls., 20 tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0760- —
dlvd. other points.....lb. .0735- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
Other points.....lb. .07¾- —
smaller lots, dlvd.., Ala..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
Other points.....lb. .08¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.98 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls., lb. 1.25 - —
100-lb. kgs. .....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms. .....lb. 1.45 - —
100-lb. kgs. .....lb. 1.40 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Iodide, 5-lb. bots. .....lb. 5.20 - —
25-lb. jars .....lb. 5.05 - —
Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05½- —
smaller lots .....lb. .05¼- —
bbls., c.l. (20 tons)....lb. .05½- —
smaller lots .....lb. .05⅝- —
Ordinary, bgs., c.l. (20 tons).lb. .0635- —
smaller lots .....lb. .0410- —
bbls., c.l. (20 tons).....lb. .0410- —
smaller lots .....lb. .0435- —

Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst., and in less car lots is ¼c. higher ex whse. Pac. Cst.

Liverwort, leaves, bls.....lb. .55 - .60
Lobelia, herb, bls.....lb. .40 - .50
Logwood, cryst., bgs., No. 1..lb. .28 - —
No. 2..lb. .26 - —
extract, bbls., No. 1.....lb. .14 - —
No. 2..lb. .13 - —
No. 3..lb. .12½- —
No. 4..lb. .10 - —
solid, bxs., No. 1.....lb. .23½- —
No. 2..lb. .21½- —
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. No stocks
Lupulin, N. E., tins.....lb. 1.65 - 1.70
Lycopodium, cs. .....lb. 8.50 - 9.00

M

Mace, Banda, cs.....lb. .45 - .46
Batavia, cs. .....lb. .29 - .30
Siauw, cs. .....lb. .35 - .36
West Indian, cs.....lb. .50 - .51
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs. .....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs. .....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs. .....lb. .09 - —
bbls. .....lb. .09½- —
kgs. .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs. .....lb. .08¾- —
bbls. .....lb. .09¼- —
kgs. .....lb. .10½- —
Other points.....lb. .08 - —
Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md. c.l. shipments, frt. equald. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.
Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lbs..lb. 1.45 - —

Magnesium, oxide (see Calcined).
Palmitate, bbls.....lb. .83 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .20 - .25
Stearate, bbls., ctns., 1 ton..lb. .31 - —
smaller lots.....lb. .33 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .37 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —
Magnesite, cal., dom., bgs...ton.72.00 -80.00
imports, bgs., duty paid..ton. No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -25.00
Malva flowers, black, bls.....lb. 1.75 - 2.00
blue, bls.....lb. 2.25 - 2.50
Leaves, bls.....lb. .40 - .45
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .25 - .26
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.71.50 - —
5-15 tons, works.....ton.74.50 - —
½, 4 tons, works.....ton.79.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works...ton.74.75 - —
smaller lots, works..ton.79.75 - —
paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works....ton.73.00 - —
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Manganese linoleate, liquid, 4%, dms..lb. .18 - .19½
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Resinate, fused, 3½%, bbls.ton. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, works..lb. .10½- —
single, bbls., works.....lb. .11½- —
fertilizer, 65%, MnSo., bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.37.00 -38.00
Manna flake, large, cs.....lb. No stocks
small, cs.....lb. 3.45 - 3.50
Mannitol, com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —
Marble flour, bgs.....ton.12.50 -14.50
Marjoram, French, No. 1.....lb. .75 - .80
Tunisan, bls.....lb. .32 - .33
Chilean.....lb. .18 - .18½
Menthol, natural, Chinese, cs..lb. 9.00 - 9.25
Japanese, cs.....lb. 9.00 - 9.25
synthetic, USP, cs.....lb. No prices
technical, 60-lb. cs.....lb. 3.00 - —
smaller lots.....lb. 3.10 - 3.25
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.44 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd.....lb. 4.00 - 4.05
Iodide, red, NF, 5-lb. bots..lb. 4.66 - 4.71
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.76 - 4.81
fib. dms., 100 lbs.....lb. 4.70 - —
Nitrate ointment (see Citrine ointment).
tech. (see Red, mercury oxide).
yellow, tech. (see Yellow, mercury oxide).
NF VI, fib. dms., 50 lbs., or more..lb. 3.38 - —
Oxide, red, NF (see Red precipitate).
Mercury and chalk, 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.....lb. 1.86 - 1.88
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in.....pkg. 3.00 - —
gold, XX, deep, 23K, 3⅜x3⅜ in. pkg.15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .70 - —
Methanol, natural, [1,5,6] producer group A, all grades, E. of Miss. R., tanks..gal. .60 - —
dms., c.l.....gal. .66 - —
l.c.l.....gal. .76 - —
Methanol prices W. of Miss. R. are 3c. per gal. higher.
Methanol, natural, group B, pure, tanks, frt. alld., Zone 1. gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55½- —
Zone 2.....gal. .57½- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61½- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75½- —
Zone 3.....gal. .62½- —
Zone 4.....gal. .75½- —
Group B, 95% frt. alld., prices 2c. more than pure, all zones.
97%, frt. alld., prices 1c. more than pure, all zones.
Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H.; N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga.,, Kan., La., Miss.,, Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.
Methanol, synthetic, [2, 5, 6], pure, dms., c.l., Zone 1, frt. alld..gal. .34½- —
2, frt. alld.....gal. .36½- —
3, frt. alld.....gal. .38½- —
4, frt. alld.....gal. .40½- —

Methanol, synth., pure, dms., l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld. or dlvd..gal. .44½- —
3, dlvd., S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd..gal. .52½- —
Methanol, synthetic, tanks, Zone 1, frt. alld.....gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .32½- —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich, Minn., Mo., N. H. N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark, Col.,, Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

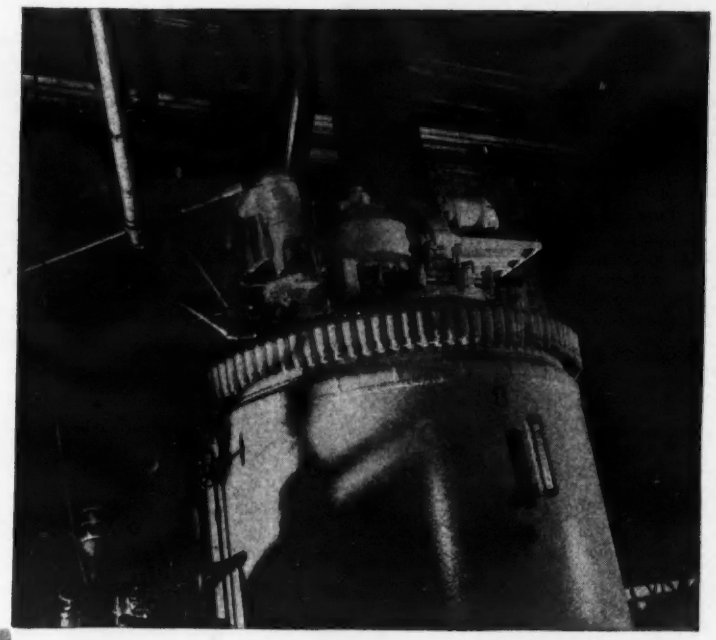
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- .12
W. of Miss. R.....lb. .11½- .13
l.c.l., dms., dlvd., E. of Miss. R..lb. .11 - .12½
W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R.lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07 - .09
W. of Miss. R.....lb. .08 - .10
l.c.l., dlvd. E. of Miss. R. lb. .07½- .09½
Methyl acetate, tech., dms., c.l., dlvd. W. of Miss R...lb. .08½- .10½
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .75 - —
dms., c.l., same basis.....gal. .81 - —
l.c.l., same basis...gal. .86 - —
Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Methyl acetone, natural, group B, producers, tanks, Zone 1.gal. .60 - —
Zone 2.....gal. .62 - —
Zone 3.....gal. .64 - —
Zone 4.....gal. .64½- —
dms., c.l., Zone 1.....gal. .65½- —
Zone 2.....gal. .67½- —
Zone 3.....gal. .69½- —
Zone 4.....gal. .71½- —
l.c.l., Zone 1.....gal. .68½- —
Zone 2.....gal. .85½- —
Zone 3.....gal. .72½- —
Zone 4.....gal. .85½- —
Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Magnes., Oxide—Methylchloride

Methyl acetone, synthetic tanks, Zone..gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —
dms., c.l., Zone 1.....gal. .51 - —
Zone 2.....gal. .51 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - —
25-lb. lots, bots.....lb. 2.35 - —
Benzoate, cns., 25 lbs.....lb. 1.10 - 1.15
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

REICHHOLD

SYNTHETIC RESINS



BASE FOR BETTER SURFACE COATINGS

Chemistry has been the controlling factor in meeting the demands of greater protection, longer life, and superior appearance made of modern surface coatings.

The development of synthetic resins, through the exact science of chemistry, has been an invaluable aid to formulators in this advance. The highly controlled and pre-determined characteristics of these synthetic products have enabled paint manufacturers to produce better, more uniform coating materials.

Reichhold has been a leading contributor in this development. The work of its research staff has won an enviable reputation for this institution throughout the industry. Their findings are evidenced in the marked superiority of Reichhold's complete line of synthetic resins, processed copals, ester gums, synthetic oils and industrial chemicals.

REICHHOLD CHEMICALS
INCORPORATED DETROIT, MICHIGAN

Methyl Cinnamate—Octanol

Methyl, cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Molybdated violet toner, bbls.lb. .35 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 2,000 lbs. or more, works..lb. .50 - —
100 to 1,999 lbs., works...lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98 - 100%, dms., works..lb. .32 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11 - —
Methylnaphthyl ketone, dom., cryst., cns..lb. 3.00 - 3.10
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 1, quality, c.l..ton.30.00 - —
l.c.l., 5,000 lbs.....ton.40.00 - —
1,000 lbs.....lb. .02 - —
500 lbs.....lb. .02½- —
100 lbs.....lb. .03 - —
refined, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.30.00 - —
paint, c.l.....ton.55.00 - —
l.c.l., 5,000 lbs.....ton.65.00 - —
white, No. 1 quality, c.l...ton.35.00 - —
l.c.l., 5,000 lbs.....ton.45.00 - —
1,000 lbs.....lb. .02½- —
500 lbs.....lb. .03 - —
roofing, c.l.....ton.29.00 - —
l.c.l., 5,000 lbs.....ton.39.00 - —
paint, c.l.....ton.60.00 - —
l.c.l., 5,000 lbs.....ton.70.00 - —
wet grd., paint or lacquer, c.l..lb. .04½- —
l.c.l.....lb. .05 - —
paper, wall or coated, c.l..lb. .04¾- —
l.c.l.....lb. .04½- —
rubber, c.l.....lb. .04 - —
l.c.l.....lb. .04½- —
Mica, biotite, c.l.....lb. .03½- —
l.c.l.....lb. .04 - —

Mica, dry grd., is quoted in bags at the works; wet grd. mica in carload lots is frt. alld. E., and in less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher west of Rockies.

Milk, powder, skimmed, roller, bbls., c.l..lb. .14 - —
l.c.l.....lb. .15 - —
spray, bbls., c.l.....lb. .14 - —
l.c.l.....lb. .15 - —
unskimmed, roller, bbls., c.l., lb. .27¼- —
l.c.l.....lb. .27¾- .28
spray, bbls., c.l.....lb. .27¼- —
l.c.l.....lb. .27¾- .28
Millet seed, yellow, bgs.....lb. .02½- .02¾
early fortune, bgs.....lb. .0230- .0250
hulled, bgs.....lb. .06½- .06¾
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .12½- .13½
f.o.b. Gulf ports.....gal. .12 - .13
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99%, powd..lb. 2.60 - 3.00
Molybdenum, trioxide, pure, kgs., basis Me. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., wks..lb. .50 - —
l.c.l., works.....lb. .53 - —
Monoamylnaphthalene, l.c.l., dms. works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., wks..lb. .37 - —
l.c.l., works.....lb. .40 - —
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks.....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Monochlorobenzene, dms., l.c.l. lb. .07 - —
smaller, cns.....lb. .08 - .09
Monoethylaniline, dms.....lb. .47 - —
Monomethylamine, dms., c.l., l.c.l., dlvd.....lb. .65 - —
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morpholine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots. oz. 9.00 - —
25-oz. cans.....lb. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cans.....lb. .15 - .16
flowers, cns.....lb. 1.50 - 1.55
Musk, nat., Tonquin, grains, bots..oz.30.00 -35.50
synth., ambrette, cns., 100 lbs. or more..lb. 3.75 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 4.20 - —
ketone, cns., 100 lbs. or more, lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.00 - —
1 lb.....lb. 4.35 - —
xylol, cns., 100 lbs. or more, lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.35 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown, lb. .16 - .16¼
yellow, bgs.....lb. .12½- .13
Chinese, yellow, bgs.....lb. .07½- .08
Danish, yellow.....lb. .27 - .28
Montana, yellow, bgs.....lb. .07 - .07¼
Roumanian, yellow.....lb. .14½- .15
Washington, yellow, bgs.....lb. .07 - .07½
Myrobalans, J1, bgs., f.a.s...ton. No prices
J2, bgs., f.a.s.....ton. No prices
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. No prices

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[6] crude, dom., 74 deg., tanks, works...100 lbs. 2.50 - —
78 deg., tanks, works..100 lbs. 2.75 - —
Refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
pkgs. (16 oz.), same basis..lb. .08½- —
(12 oz.), same basis....pkg. .07 - —
Nerolin, cryst., cns.....ub. 1.70 - 2.00
Nickel carbonate, bbls.....lb. .36 - .36¼
Chloride, bbls.....lb. .18 - .20
Cyanide, 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Niger seed, bgs.....lb. .13 - .14
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., wks. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35, ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
Lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms.,works.lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 2.25 Nom.
Chemical, Ill.....unit-ton. 2.25 Nom.
East Coast producing points unit-ton. 2.75 - 3.00
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., works. lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs., oz.....lb. .27 - .28
Chinese .....lb. .30 Nom.
Extract (see Gall extract).
Nutmegs, E. I., 80s, bgs., cs..lb. .19 - .20
110s, bgs., cs.....lb. .15 - .15½
small, grinding, bgs.....lb. .14 - .14½
West Indian, bgs.....lb. .11½- .12
Nux vomica, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .11 - .12

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks .....lb. .02 - —
Ocher (see Yellow).
Octane, 100-140° C., industrial grade, dms., c.l., G. 3, gal. .15 - —
l.c.l., G.3.....gal. .27 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .12½- —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .85 - —

Sold to the American Market Exclusively by

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK, N. Y.

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

Copr., 1940, California Fruit Growers Exchange, Products Department

Oil, almond, bitter, artif. (see Benzaldehyde)
natural, U.S.P., bots.....lb. 3.50 - 3.75
sweet, true, exp., cns.....lb. 2.25 - 2.50
Amber, crude, cns.....lb. No stocks
ref'd, cns.....lb. No stocks
Amyris, cns.....lb. 3.75 - —
Angelica, root, bots.....lb. No stocks
seed, bots.....lb. 110.00-120.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 1.10 - 1.15
Apricot, kernels, cns.....lb. .40 - .48
Avocado, cns., dms.....lb. 1.00 - 1.25
Bay, W. I., 50-55% phenols, cns..lb 1.25 - 1.50
55-66% phenols, cns.....lb. 1.35 - 1.60
Bergamot, artif., cns.....lb. 2.75 - 9.25
natural, coppers.....lb. 22.00 -24.00
Birch (see Oil, sweet, birch).
Brchtar, crude, cns.....lb. .90 - —
rect'fd., cns.....lb. 1.50 - -
Bois de Rose, Brazil, cns....lb. 4.00 - 4.25
Bone, dms., works.....gal. .65 - .75
Cade, USP IX (see Oil Juniper tar).
Cajeput, tech., dms.....lb. 1.15 - 1.20
USP IX, cns.....lb. 1.25 - 1.30
USP X, cns.....lb. 1.40 - 1.45
Calamus, cns.....lb. No stocks
Camphor, sassafrassy, cns...lb. .29 - .30
dms.....lb. .27 - .29
white, cns.....lb. .32 - .33
dms.....lb. .30 - .31
Cananga, native, cns.....lb. 12.00 -12.50
rectified, cns.....lb. 13.00 -13.50
Capsicum (oleoresin), USP VIII, cns..lb. 3.85 - 5.50
Caraway, USP, cns.....lb. 15.00 -16.00
Cardamom, bots.....lb. 25.50 -35.00
Cassia, USP, cns.....lb. 7.75 - 8.00
Castor, blown, one-way dms., c.l..lb. .14 - —
l.c.l.....lb. .14¾- —
cold pressed, USP, bbls., c.l., lb. .12¾- —
l.c.l.....lb. .13¼- —
cns. (1-gal.), l.c.l.....lb. .16½- —
cns. (5-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .12½- —
l.c.l.....lb. .13¼- —
tanks.....lb. .11¾- —
dehydrated, dms., c.l.....lb. .1690- —
l.c.l.....lb. .1730- —
tanks.....lb. .16 - —
extracted, No. 3, tech., bbls., c.l..lb. .12½- —
l.c.l.....lb. .13 - —
dms. (returnable), c.l.....lb. .12¼- —
l.c.l.....lb. .13 - —
tanks.....lb. .11½- —
sulphonated, 50% (43% fat), dms., c.l..lb. .08¼- —
l.c.l.....lb. .09¼- —
75% (63% fat), dms., c.l..lb. .11 - —
l.c.l.....lb. .12 - —
80% (68% fat), dms., c.l..lb. .11¼- —
l.c.l.....lb. .12½- —
Cedarleaf, cs.....lb. 1.10 - 1.40
dms.....lb. .98 - 1.35
Cedarwood, Southern, cns....lb. .35 - .36
dms.....lb. .33 - .34
Celery, bots.....lb. 30.00 -35.00
Chaulmoogra, USP, cns.....lb. .68 - —
Chinawood, dms.....lb. .35¼- .36½
tanks.....lb. .34¼- .35
Pacific Coast, tanks.....lb. .34 - .34¾
Cinnamon, bark, bots.....lb. 9.75 -32.00
leaf, dms.....lb. 1.00 - 1.20
Citronella, Ceylon, cns.....lb. .90 - .95
dms.....lb. .85 - .90
Java, cns., dms.....lb. .75 - .80
Clove, makers, USP, cns....lb. 1.30 - 1.35
dms.....lb. 1.25 - 1.30
Coconut, Manila, crude, tanks, lb. .07⅝- —
edible, 76°, ret. dms., l.c...lb. .14¼- .14¾
Cod, Newf., dms.....gal. .78 - .80
Codliver, med., USP.....bbl. 85.00 -90.00
Coriander, bots.....lb. 25.00 -30.00
Corn, crude, tanks, works....lb. .11¼- .11¾
refd., bbls.....lb. .14½- .15
Cottonseed, cooking, bbls....lb. .15¼- —
salad, bbls.....lb. .15½- —
Creosote (see C).
Croton, N.F., cns.....lb. 3.00 - 3.25
Cubeb, USP, cns.....lb. 3.75 - 8.50
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -12.00
Cypress, bots.....lb. 12.00 - —
Degras (see D).
Dill seed, bots.....lb. 6.50 - 6.75
weed, bots.....lb. 6.50 - 7.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.35
Eucalyptus, cns.....lb. .75 - .80
dms.....lb. .70 - .75
Fennel, sweet, cns.....lb. 2.50 - 2.75
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 17.00 -18.00
Bourbon, cns.....lb. 17.00 -18.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.65 - 2.65
Grapeseed, dom., dms.....lb. .35 - .36
imported, dms.....lb. .20 - .25
Ginger, dist., bots.....lb. 16.00 -20.00
Guaiac wood, concrete, bots..lb. 4.50 - 4.75
Halibut liver, ref., dms....gal. 70.00 Nom.
Hemlock, cns.....lb. .95 - 1.15
Juniper, berry, cns.....lb. 15.00 - —
wood, tech., cns.....lb. No stocks
Juniper tar, USP XI, dms...lb. .72 - .95
Lard, common, 1, bbls.....lb. .13 - —
2, bbls.....lb. .12¾- —
extra, bbls.....lb. .13¾- —
1, bbls.....lb. .13¼- —
Winter, strained, bbls....lb. .14 - —
prime, burning, bbls.....lb. .14½ —
prime, lned., bbls.....lb. .14¼- —
Laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. No stocks
Lavender, flower, French, cns. lb. 7.75 -11.25
garden, cns.....lb. .55 - .70
spike, Spanish, tech., cns..lb. 2.85 - 3.10
dms.....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 5.50 Nom.
Terpeneless, Type 1.....lb. 10.75 -17.00
Type 2.....lb. 8.50 -15.00
Uruguay, 10 kilo cans.....lb. 5.50 - 5.75
Lemongrass, native, cns., dms. lb. 2.25 - 2.30
Lime, dist., cns.....lb. 8.25 - 8.50
expressed, cns.....lb. 12.50 -12.75
Terpeneless.....lb. 46.50 -78.00
Linaloe, wood, cns.....lb. 3.50 - 3.75
Linseed, raw, dms., c.l.....lb. .1000- .1020
l.c.l., 10 to 69.....lb. .1020 -.1040
5 to 9.....lb. .1060 -.1080
less than 5.....lb. .1080 -.1100
tanks.....lb. .0910- .0930
boiled linseed oil .004 cent over raw.
Lovage, extra fine, bots.....lb. 85.00 - —
Lubricating,[2] at refinery, ex tax, California, neutrals, pale, 200-600 vis., 2¼- 4, tanks, gal. .07¼- .11
red, 200-900 vis., 4-6½ plus, tanks..gal. .07¼- .11½
Group 3, bright stocks, 100-210 D, 0-25 pour, tanks.gal. .19½- .24½
neutral, 150-400 vis., 3-3½, 0-10 pour, tanks..gal. .12¼- .17⅝

Oil, lubricating, at refinery, ex tax, group 3, 200-280 vis., 3, 15-25 pour, tanks..gal. .12 - .14¼
Pennsylvania[2], bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .18½
600-650 steam ref'd, tanks.. gal. .15 - .16½
neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks..gal. .31 - .38½
200 vis., 0-25 pour, tanks. gal. .33- .40½
Mace, dist., cns., dms.....lb. 2.50 - 2.60
Mandarin, Brazilian, cns.....lb. 8.00 - —
Italian, coppers.....lb. 9.55 - —
Menhaden, crude, tanks, Balto. gal. .58- —
ref'd alkali, dms.....lb. .1220- —
kettle-bodied, dms.....lb. .1320- —
light-pressed, dms.....lb. .1120- —
tanks.....lb. .1000- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns., lb. 1.50 - 1.60
dist., natural, bots.....lb. 9.50 -10.00
Neatsfoot,[6] 15° c.t., bbls..gal. 1.90 - —
20°, bbls.....gal. 1.80 - —
30°, bbls.....gal. 1.60 - —
extra, bbls.....lb. .13½- —
1, bbls.....lb. .12¼- —
prime, bbls.....lb. .14 - —
pure, bbls.....lb. .17¾- —
Neroli, bots.....lb. 200.00 375.00
Nutmeg, dist., cans, lms....lb. 2.50 - 2.60
Otticica, liquid, dms.....lb. .21¾- .22¼
tanks.....lb. .21 - .21⅛
solid, dms.....lb. .21 - —
Oleo, 1, bbls.....lb. .12 - —
2, bbls.....lb. .12¾- —
Olibanum, bots.....lb. 5.00 - 5.25
Oil, olive, denat., dms.....gal. 4.00 - 4.15
edible, Calif., dms.....gal. 4.85 - 5.00
imported, dms.....gal. 5.35 - 5.50
foots, dms.....lb. .17 - .17½
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
75% (63% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
Orange, sweet, dist., cs....lb. 1.60 - —
expressed, Calif., cns.....lb. 3.00 - —
Argentine, 10-kilo cns....lb. 3.00 - 3.25
Brazilian, cns.....lb. 2.85 - 3.10
Florida, cns.....lb. 2.85 - 2.90
Messina, USP, coppers...lb. 8.00 Nom.
West Indies, cns.....lb. 4.75 - 6.00
terpeneless.....lb. 35.00 -175.00
Origanum, cs.....lb. 2.85 - 2.90
Palm, Niger, dms.....lb. .09 - —
Sumatra, tanks.....lb. .08 - —
distant, ship't, bulk.....lb. .05½- —
Palmarosa, cns.....lb. 3.25 - 3.50
Paraffin,[2] 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
100-105 vis., bbls., extra, Ind., refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 5.25 - 6.25
Peanut, crude, tanks, mill...lb. .11¾- .12
refd., edible, bbls.....lb. .15½- .15¾
Pennyroyal, dom., cns.....lb. 2.50 - 2.65
import, cns.....lb. 2.40 - 2.50
Peppermint, natural, cns., dms. lb. 4.50 - 5.00
redist., USP, cns., dms....lb. 4.75 - 5.25
Perilla, dms.....lb. .22½- .23
tanks.....lb. .21½- —

Oil, Almond—Oil, Sandalwood

Oil, petitgrain, Paraguay, cns..lb. 1.70 - 1.75
dms.....lb. 1.65 - 1.70
Pimento berry, cns.....lb. 4.25 - 8.50
leaf, cns.....lb. 2.25 - 2.75
Pine, dest. dist., straw-color, dms., divd., E. ports..gal. .65 - —
steam-dist., dms.....gal. .65 Nom.
Pineneedle, Siberian, cns....lb. 2.60 - 2.70
Putty,[3] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts.....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Boston, Providence, gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, tax incl., dms....lb. .14¾- —
tax not incl., tanks.....lb. .09 - —
blown, dms.....lb. .17 - .17½
Red, dist., or saponif., dms., divd..lb. .12 - .13
tanks, divd.....lb. .11¼- —
West coast prices one cent higher.
Rose, synth., bots.....lb. 4.00 -60.00
natural, coppers.....oz. 28.00 -30.00
Rosemary, Spanish, cns.....lb. 1.45 - 1.55
dms.....lb. 1.40 - 1.50
Rosin, 1st rectified, dms....gal. .48 - —
2d rectified, dms.....gal. .50 - —
3d rectified, dms.....gal. .54 - —
Rue, bots.....lb. 7.25 - —
Sage, cns.....lb. 2.10 - 2.20
Sandalwood, domestic, distilled, UP, cns..lb. 4.65 - 5.00
Mysore, cns., case lots.....lb. 5.40 - 5.50

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AMERICAN manufactured Aromatic Chemicals . . . of exceptionally fine quality . . . are available to fulfill your requirements.

Our domestic industry is equipped to take care of practically every perfume problem confronting the manufacturer of soap, perfume or cosmetics.

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INDOL

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9 SOUTH CLINTON STREET, CHICAGO TRANSPORTATION BUILDING, LOS ANGELES
1019 ELLIOTT STREET, W., WINDSOR, ONT.

Oil, Sardine—Potash, Chlorate

Oil, Sardine, crude, fut., tanks, Pac. Cst.	gal.	.60 - —
refd., alkali, dms.	lb.	.1220- —
kettle-bodied, dms.	lb.	.1320- —
light-pressed, dms.	lb.	.1120- —
tanks	lb.	.1000- —
Sassafras, artif., cns.	lb.	1.20 - 1.30
natural, dom., cns., dms.	lb.	1.05 - 1.20
Savin, cns.	lb.	No stocks
Savory, cns.	lb.	No stocks
Seal, tanks	gal.	.72 - —
Shark liver, crude, dms., million vitamin units.		No prices
Shingle stains, bbls., c.l., works.	gal.	.19 - —
l.c.l., works	gal.	.20 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	8.50 -10.00
Soybean, dom., crude, dms.	lb.	.11½- .11¾
tanks	lb.	.10¾- .11
refd., dms.	lb.	.12¾- .13
tanks	lb.	.12 - .12¼
Spearmint, dms.	lb.	2.75 - 2.80
Sperm[4], bleach, 38°, dms.	lb.	.1270- —
45°, dms.	lb.	.1200- —
natural, dms.	lb.	.1150- —
Spruce, cns., dms.	lb.	.95 - 1.15
Sweet, birch, North, cns.	lb.	3.00 - 4.00
South, cns.	lb.	2.25 - 2.50
Tall, crude, dms., c.l., works.	ton.	40.00 - —
l.c.l., works	ton.	45.00 -50.00
tanks, works	ton.	30.00- —
distilled, dms., c.l., dlvd.	lb.	.05½- .07
l.c.l., dlvd.	lb.	.06½- .08¼
tanks, dlvd.	lb.	.05 - .06¾
refined, dms., c.l., works.	lb.	.04 - —
l.c.l., works	lb.	.04½- —
tanks, works	lb.	.03½- —
Tallow, acidless, bbls.	lb.	.13 - —
tanks	lb.	.12½- —
Tansy, cns.	lb.	3.55 - 4.25
Tar, pine, com'l, dms., c.l., dlvd. E. cities.	gal.	.26 - —
E. ports, c.l.	gal.	.27½- —
l.c.l.	gal.	.31 - —
tanks, dlvd. E. cities.	gal.	.21 - —
rectified., USP, bbls., l.c.l., dlvd., E ports.	gal.	.55 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.28 - —
refined, dms.	lb.	.30 - —
Tea tree (see Oil, Ti tree).		
Thyme, NF, red, cns.	lb.	1.85 - 2.20
white, cns.	lb.	1.95 - 2.35
Tung (see Oil, Chinawood).		
Ti tree, cns.	lb.	2.50 - 2.65
Turkey red (see castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	8.50 - —
Vetiver, Java, bots.	lb.	18.00 -19.00
Whale, ref., natural, dms.	lb.	.1070- —
winter, bleach, dms.	lb.	.1110- —
Wheat germ, dms., cont., dlvd., 100 gal.	gal.	10.00 - —
dms., 50 gal.	gal.	11.50 - —
dms., 25 gal.	gal.	12.50 - —
dms., 10 gal.	gal.	13.50 - —
dms., 5 gal.	gal.	14.00 - —
cns., 1 gal.	gal.	15.00 - —
White[2], mineral, dom., 50-60 vis., dms.	gal.	.41 - .49
65-75 vis., dms.	gal.	.42 - .50
80-90 vis., dms.	gal.	.43 - .52
USP, 80-90 vis., dms.	gal.	.45 - .54
95-105 vis., dms.	gal.	.50½- .59½
125-135 vis., dms.	gal.	.56 - .63
140-150 vis., dms.	gal.	.58 - .69
175-185 vis., dms.	gal.	.61½- .70½
200-210 vis., dms.	gal.	.64½- .73½
320-330 vis., dms.	gal.	.72 - .81
335-345 vis., dms.	gal.	.73 - .82
Russian, 60-90 vis., dms.	gal.	No prices
145-155 vis., dms.	gal.	No prices
175-185 vis., dms.	gal.	No prices
335-345 vis., dms.	gal.	No prices
Wintergreen, natural, North, cns.	lb.	4.75 - 6.00
South, cns.	lb.	3.50 - 3.85
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.50 - 4.00
Wormwood, cns.	lb.	4.50 - 5.00
Ylang-ylang, Bourb., bots., cns.	lb.	20.00 -24.00
Manila, bots.	lb.	35.00 -40.00
Olivine, aggregate c.l., mines,	ton.	7.00 -11.00
Lumps, same basis	ton.	7.00 - —
Spalls, same basis	ton.	5.00 - —
crushed, 8 mesh, bulk, c.l., works.	ton.	8.00 - —
paper bags, c.l., wks.	ton.	9.50 - —
ground, 325 mesh, c.l., mines.	ton.	20.00 - —
200 mesh, c.l., mines	ton.	17.00 - —
100 mesh, c.l., mines	ton.	15.00 - —
20 mesh to dust	ton.	12.00 - —
Opium gum, USP, 50-lb. lots, cns.	lb.	11.50 - —
25-lb. lots, cns.	lb.	11.75 - —
5-lb. lots, cns.	lb.	12.00 - —
1-lb. lots, cns.	lb.	12.15 - —
Prices on powd. and gran. USP opium are $1 per pound higher.		
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11½- —
Mineral, Amer., bbls., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., Wash.	lb.	.11½- —
Colo., Mont., N. M., Wyo.	lb.	.11¾- —
5 bbls., dlvd., other points.	lb.	.11¼- —
smaller lots, dlvd., Ala., etc.	lb.	.12 - —
Ariz., etc.	lb.	.12½- —
Colo., Mont., N. M., Wyo.	lb.	.12¼- —
Other points.	lb.	.11¾- —
French, Tours, casks, ex dock,	lb.	No prices
kgs., ex dock	lb.	No prices
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.80 - —
Orangeflower petals, cs.	lb.	.45 - .50
Orange peel, bitter, bbls.	lb.	.32 - .33
sweet, bls.	lb.	.11 - .17
Haitian, bgs.	lb.	.10 - .12
Orris root, Florentine, bgs.	lb.	2.75 - 3.50
fingers, cs.	lb.	No stocks
powd., bbls., bxs.	lb.	2.75 - 3.50
Verona, bls.	lb.	2.50 - 3.25
powd., bgs., cns.	lb.	2.75 - 3.50
Orthoamylphenol, l.c.l., dms., works.	lb.	.25 - —
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloranilin, dms.	lb.	.60 - .70
Orthochlorophenol, dms.	lb.	.32 - —
Orthocresol, dms., c.l., works.	lb.	.17 - .17½
l.c.l., same basis	lb.	.17½- .18
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06 - .07
l.c.l., same basis	lb.	.07 - .08
100-lb. tins, same basis	lb.	.08 - .09
50-lb. tins, same basis	lb.	.09 - .10
tanks, same basis	lb.	.05½- .06½
Orthodichlorobenzene prices west of Rockies, 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.45 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .16
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthophenetidin, dms.	lb.	.80 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange, crystals, bgs.	lb.	.23 - —
extract, bbls., No. 1	lb.	.11 - —
No. 2	lb.	.10 - —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.75 - 4.15

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Papain, powd., cs.	lb.	3.00 - 3.25
Paprika, Algerian, bgs.	lb.	.32½- .33
Bulgarian, bgs.	lb.	.26 - .29
Portuguese, extra fancy, bgs.	lb.	.35½- .36
good, bgs.	lb.	.29½- .30
Spanish, extra fancy, cs.	lb.	.40½- .41
medium, cs.	lb.	.35 - .36
Parachlorophenol, dms.	lb.	.32 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms, c.l.	lb.	.11 - .12
l.c.l.	lb.	.12½- .13½
Paraffin,[2] crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla. refy.	lb.	.06¼ Nom.
bbls., c.l., N. Y.	lb.	.06¼ Nom.
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.06¼ Nom.
bbls., c.l., N. Y.	lb.	.06¼ Nom.
yellow, 124-126 A.m.p., bbls., c.l., N.Y.	lb.	.06 Nom.
fully refd., 123-125 A.m.p., bgs., c.l.	lb.	.06 Nom.
125-127 A.m.p., bgs., c.l.	lb.	.06 Nom.
128-130 A.m.p., bgs., c.l.	lb.	.06 Nom.
131-133 A.m.p., bgs., c.l.	lb.	.06¼ Nom.
133-135 A.m.p., bgs., c.l.	lb.	.0655 Nom.
135-137 A.m.p., bgs., c.l.	lb.	.0680 Nom.
138-140 A.m.p., bgs., c.l.	lb.	.0755 Nom.
143-145 A.m.p., bgs., c.l.	lb.	No prices
151-153 A.m.p., bgs., c.l.	lb.	No prices
Refined paraffin, loose, is 40 points below the above in each case. Prices are for contract delivery.		
match, A.m.p., up to and incl. 110-112 bbls., c.l.	lb.	.03½- —
Semi-refd., solid, 122-124 A.m.p., bgs.	lb.	.06 Nom.
Paraformaldehyde,[3,5,6] dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.23 - —
100 to 999 lbs., shipments, same basis	lb.	.24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works.	lb.	.12 - —
5 and 10-gal. dms., works.	lb.	.15 - —
USP, cns., cbys.	lb.	.37 - .45
Paranitrophenol, kgs.	lb.	.35 - —
Paranisidine, dms.	lb.	.75 - —
Paranitroanilin, kgs., works.	lb.	.45 - —
Parantrochlorobenzene, kgs., bbl.	lb.	.15 - —
Paranitrotoluene, kgs.	lb.	.30 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.48 - —
Pareira brava root, bls.	lb.	.20 - .21
Paris green, dealer, dms., kegs, c.l., f.o.b. wks., frt. alld.	lb.	.24 - .26
l.c.l., same basis	lb.	.25 - .27
Passion flower, herb, bls.	lb.	.06 - .07
Patchouli leaves, bls.	lb.	.28 - .30
Pellitory root, bls.	lb.	.30 - .32
Pennyroyal leaves, bls.	lb.	.15 - .16
Pentachlorophenol, dms., works.	lb.	.20 - .25
Pentaerythritol, C.P., bbls., dlvd.	lb.	.75 - —
less than barrel lot	lb.	1.00 - —
tech., bbls., dlvd.	lb.	.33½- .35½
less than barrel lots	lb.	.40 - —
Tetra acetate, bbls., dlvd.	lb.	1.00 - —
less than barrel lot	lb.	1.50 - —
Pentanes,[2] 28°-38° C., industrial grade, dms., c.l., G.3, gal.	gal.	.11 - —
l.c.l., G.3	gal.	.19 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l.,		
Pepper, black, Alleppy, bgs.	lb.	.08¾- .09¼
Lampong, bgs.	lb.	.06 - .06¼
Tellicherry, bgs.	lb.	.08½- .09
white, Java, Muntok, bgs.	lb.	.09¾- .10
Singapore, Muntok, bgs.	lb.	.09 - .09½
Muntok, small berry, bgs.	lb.	.08¾- .09
red, chillies, Japan, Hontaka	lb.	.28½- .29
Mombassa, bgs.	lb.	.22½- .23
Sierre Leone, bgs.	lb.	.23½- .24
Peppermint leaves, dom., bls.	lb.	.70 - .75
import, bls.	lb.	1.10 - 1.15
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 - —
l.c.l., same basis	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½- —
l.c.l., same basis	lb.	.09 - —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —
Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —
All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.		
Peru, balsam, dms.	lb.	1.25 - 1.30
Petrolatum,[2] amber, dms.	lb.	.03½- —
l.c.l.	lb.	.04½- —
amber, extra, dms.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
white, cream, dms., c.l.	lb.	.05 - —
l.c.l.	lb.	.06½- —
lily, dms., c.l.	lb.	.05¾- —
l.c.l.	lb.	.07¼- —
snow, dms., c.l.	lb.	.06½- —
l.c.l.	lb.	.08 - —
Petroleum,[2] crude, bulk, at wells—		
California	bbl.	.43 - 1.41
Canada	bbl.	1.08 - —
Central West—		
Illinois	bbl.	1.37 - —
Ohio	bbl.	1.05 - 1.10
Michigan	bbl.	1.17 - 1.44
Indiana	bbl.	1.22 - —
East Texas	bbl.	1.25 - —
Gulf Coast	bbl.	1.06 - 1.49
Kentucky, Tennessee	bbl.	1.22 - 1.43
Louisiana, Arkansas	bbl.	.94 - 1.36
Mexico	bbl.	No prices
Midcontinent (Oklahoma, Kansas, North Texas)	bbl.	.75 - 1.26
Pennsylvania, Ohio, West Virginia—		
Bradford, Allegany	bbl.	2.75 - —
Corning	bbl.	1.31 - —
N. Y. Transit lines	bbl.	2.75 - —
Eureka lines	bbl.	2.34 - —
S. W. Penn lines	bbl.	2.40 - —
Lower district in National Transit lines.	bbl.	2.63 - 2.68
Rocky Mountains	bbl.	.96 - 1.20
South Central and Southwestern Texas.	bbl.	1.03 - 1.50
Texas Panhandle, W. Texas and N. Mexico	bbl.	.70 - 1.27
Ether, laboratory grade, 30-60°C, c.l.	gal.	.16 - —
l.c.l.	gal.	.27 - —
10 gals.	gal.	.55 - —
35-60°C., l.c.l.	gal.	.27 - —
10 gals.	gal.	.55 - —
40-75°C., c.l.	gal.	.16 - —
l.c.l.	gal.	.27 - —
10 gals.	gal.	.55 - —
Petroleum ether prices are spot quotations, f.o.b. Group 3, for material packed in drums.		
Lacquer diluent, at refinery:—		
California, 100 l.b.h., 200 e.p., tanks, dlvd., Los Angeles.	gal.	.11 - —
San Francisco.	gal.	.11½- —
Willbridge, Ore., Fort Wolles, Wash.	gal.	.12 - —
East Coast, N. Y., tanks,	gal.	.11 - —
N. J., tanks.	gal.	.11 - —
Group 3, toluol type, tanks,	gal.	.07⅜- .08⅛
Benzol type, tanks.	gal.	.07⅛- .08⅝
Mineral spirits at refinery, California (f.o.b. San Francisco), 166-252 b.r., tanks,	gal.	.10½- —
198-290 b.r., tanks.	gal.	.10¼- —
246-397 b.r., tanks.	gal.	.10⅛- —
312-408 b.r., tanks.	gal.	.09 - —
362-458 b.r., tanks.	gal.	.09 - —
East Coast, N. Y., tanks,	gal.	.09½- —
N. J., tanks.	gal.	.09½- —
Group 3, tanks.	gal.	.06¼- —
Gulf Coast, tanks.	gal.	.06½- —
tankwagon:—		
Albany	gal.	.13½- —
Baltimore (100 gals.)	gal.	.14 - —
25-99 gals.	gal.	.10 - —
Boston	gal.	.11½- —
Bound Brook, North Amboy, N. J.	gal.	.13½- —
Bridgeport, Conn.	gal.	.11½- —
Buffalo	gal.	.13½- —
Camden, N. J.	gal.	.10 - .11½
Chicago	gal.	.1670- —
Decatur	gal.	.1810- —
Des Moines	gal.	.1790- —
Evansville, Ind.	gal.	.1420- .1520
Milwaukee	gal.	.1930- —
Minneapolis-St. Paul.	gal.	.19½- —
Newark	gal.	.09½- —
New York (200 gal.).	gal.	.10½- —
Omaha	gal.	.12½- —
Pittsburgh	gal.	.11½- .13½
Providence	gal.	.12 - —
Rochester	gal.	.12½- —
St. Louis.	gal.	.1470- —
Syracuse	gal.	.10½- —
Trenton	gal.	.10½- —
Wilmington, Del.	gal.	.12½- —
Naphtha,cleaners, at refinery:—		
California f.o.b. San Francisco), tanks.	gal.	.12 - —
East Coast, N. Y., tanks,	gal.	.10½- —
N. J., tanks.	gal.	.10½- —
Group 3, tanks.	gal.	.07⅛- —
Gulf Coast (f.o.b. New Orleans), tanks.	gal.	.06¾- —
tankwagon, Boston, ex tax.	gal.	.12½- —
Bridgeport	gal.	.13½- —
Chicago, inc. 4c. tax.	gal.	.18 - —
Decatur, inc. 4c. tax.	gal.	.1910- —
Des Moines, inc. 4c. tax,	gal.	.1890- —
Evansville, inc. ex tax.	gal.	.15 - .16
Milwaukee, inc. 5c. tax.	gal.	.2030- —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.20½- —
Newark, ex tax.	gal.	.10½- —
New York, ex tax.	gal.	.11½- —
Omaha, ex tax.	gal.	.1490- .1590
Oklahoma City, ex tax.	gal.	.16½- —
Philadelphia, ex tax.	gal.	.12 - —
St. Louis, inc. 1c. tax.	gal.	.15½- —
Syracuse, 150 gals.	gal.	.14½- —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.	gal.	.21½- —
No. 2, over 90% arom., same basis.	gal.	.21½- —
3, same basis.	gal.	.22½- —
8, tanks, f.o.b. Wilmington, Cal.	gal.	.14 - —
30, same basis.	gal.	.13½- —
40, same basis.	gal.	.13½- —
V.M.& P., at refinery:—		
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo.	gal.	.11 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles.	gal.	.10 - —
San Francisco.	gal.	.10½- —
Portland, Seattle.	gal.	.11 - —
East Coast N. Y., tanks,	gal.	.10½- —
N. J., tanks.	gal.	.10½- —
Group 3, tanks.	gal.	.07⅛- —
Gulf Coast (dlvd. New Orleans), tanks.	gal.	.06½- —
tankwagon, Boston, ex tax.	gal.	.12½- —
Chicago, inc. 4c. tax.	gal.	.17 - —
Des Moines, inc. 4c. tax,	gal.	.1890- —
Decatur, inc. 4c. tax.	gal.	.1910- —
Evansville, Inc., ex tax,	gal.	.1520- .1620
Milwaukee, inc. 5c. tax.	gal.	.2030- —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.20 - —
Newark, ex tax.	gal.	.11½- —
New York, ex tax.	gal.	.10½- —
Omaha, ex tax.	gal.	.1490- .1590
Philadelphia, ex tax.	gal.	.13 - —
St. Louis, inc. 1c. tax.	gal.	.1570- —
Petroleum, solvent, rubber, at refinery, California (f.o.b. San Francisco).	gal.	.24 - —
East Coast, N. Y., tanks.	gal.	.10½- —
N. J., tanks.	gal.	.10½- —
Group 3, tanks.	gal.	.07⅛- —
Stoddard (CS 8-33), at refinery:—		
California (f.o.b. San Francisco), tanks.	gal.	.11 - —
East Coast, N. Y., tanks.	gal.	.09½- —
N. J., tanks.	gal.	.09½- —
Group 3, tanks.	gal.	.06⅝- —
Tankwagon, Boston, ex tax.	gal.	.11½- —
Chicago, inc. 4c. tax.	gal.	.1640- —
Decatur, inc. 4c. tax.	gal.	.1830- —
Des Moines, inc. 4c. tax.	gal.	.1840- —
Evansville, Ind., ex tax.	gal.	.14 - .15
Milwaukee, inc. 5c. tax.	gal.	.1980- —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.1820- —
Newark, ex tax.	gal.	.09½- —
New Orleans, ex tax.	gal.	.11 - —
New York, ex tax.	gal.	.10½- —
Omaha	gal.	.1360- .1450
Philadelphia, ex tax.	gal.	.13 - —
St. Louis, inc. 1c. tax.	gal.	.1340- —
Tulsa, ex tax.	gal.	.10½- .11½
Phenobarbital, 5-lb. bots.	lb.	4.35 - —
bots. or cns., 100 lbs., spot or contract.	lb.	4.00 - —
25-lb. cns.	lb.	4.25 - —
Phenol,[3] USP, dms., c.l., works, frt. equald.	lb.	.12½- .13
l.c.l., same basis.	lb.	.13½- .13¾
under 1,000 lbs.	lb.	.14¼- .14¾
tanks, works.	lb.	.11½- .12
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.	lb.	.85 - —
bbls., dms., kegs, 100-250 lbs.,	lb.	.87 - .89
yellow, fib. dms., 2,000-lb. lots,	lb.	.80 - —
100-lb. fib. dms.	lb.	.82 - —
25-lb. dms.	lb.	.87 - —
50-lb. kgs.	lb.	.84 - —
Phenyl chloride, dms.	lb.	.17 - —
Phenylacetaldehyde, bots.	lb.	5.00 - 6.00
dimethylacetate, cns.	lb.	14.50 -15.00
Phenyl ethyl acetate, cns.	lb.	2.90 - 3.50
Phenylethylphenyl acetate, bots.	lb.	8.00 -15.00
Phenylhydrazine, base, CP, bots.	lb.	4.55 - —
hydrochloride, CP, bots., works.	lb.	7.10 - —
commercial, kgs., works.	lb.	1.75 - —
Phlorogiucinol, CP, tins, wks.	lb.	20.00 -22.00
tech., tins, works.	lb.	15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 76% min.	long ton.	5.00 - —
land-pebble, 68% min.	long ton.	2.00 - —
70% min.	long ton.	2.20 - 2.40
72% min.	long ton.	2.75 - 3.00
74% min.	long ton.	4.00 - —
Tenn., 72% min.	long ton.	5.00 - —
75% min.	long ton.	6.00 - —
Phosphate rock prices are for shipment in bulk, f.o.b. mines.		
Phosphorus, red, cs.	lb.	.40 - .44
yellow, dms.	lb.	.18 - .20
cases	lb.	.23 - .25
Oxychloride,[3] cyls.	lb.	.15 - .18
Pentoxide, dms., c.l., works.	lb.	.11 - .12
l.c.l., dms., works.	lb.	.13 - .14
Sesquisulphide, cs.	lb.	.38 - .42
Trichloride, cyls.	lb.	.15 - .16
Phthalamide, bbls., works, ton.	lb.	.35 - —
single, bbls., works.	lb.	.40 - —
kgs., works.	lb.	.45 - .50
Phthalic anhydride,[3] bbls., c.l., works, frt. all. E. of Miss. R.	lb.	.14½- —
l.c.l., same basis.	lb.	.15½- —
Pichi leaves, bgs.	lb.	.08 - .09
Pilocarpine hydrochloride, bots., vls.	oz.	4.00 - —
Nitrate, bots., vls.	oz.	3.85 - 3.90
Pimento, Jamaica, bgs.	lb.	.18 - .18½
Mexican (see Allspice, Mexican).		
Pinkroot, bls.	lb.	.42 - .45
Pitch, burgundy (see B).		
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00 - —
l.c.l.	ton.	22.00 - —
Pardwood, 1-time dms., c.l., dlvd. Akron.	ton.	23.75 -24.00
Linseed, dms.	lb.	.05 - .06½
Petroleum (see Asphaltum, Mexican, Texas).		
Pitch, pine, bbls.	bbl.	6.75 - 7.00
Plaster of Paris (see Gypsum).		
Pleurisy root, Southern, bls.	lb.	.12 - .13
Podophyllin, dms., 100-lb. lots, dlvd. E. of Miss.	lb.	7.65 - —
Poke root, bls.	lb.	.09 - .10
Polyamyl naphthalene, l.c.l., dms., works.	lb.	.25 - —
Pomegranate bark, bgs.	lb.	.49 - .50
Root bark, bgs.	lb.	.60 - .65
Poppy flowers, red, bls.	lb.	.70 - .75
Seed, Dutch, bgs.	lb.	.46 - .48
Indian, white, bgs.	lb.	.08¼- .09
Turkish, bgs.	lb.	.34¾- .35¼
Potash abietate.	lb.	.85 - —
Acetate, USP, bbls., 250 lbs.	lb.	.28 - —
cns., 25 lbs.	lb.	.31 - .44
Arsenite, USP, solut., 100-lb. lots, cbys., demijs.	lb.	.18 - .15
Bicarbonate, USP, cryst., bbls., 300 lbs.	lb.	.14 - —
gran., bbls., 250 lbs.	lb.	.14 - —
Bichromate,[3,5] spots, c.l., works.	lb.	.09¾- —
6 casks or 10 bbls., or over, works.	lb.	.09¾- —
5 casks or 9 bbls., or less, works.	lb.	.10 - —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.27 - .31
kgs., 100 lbs.	lb.	.28 - .32
Carbonate, calc., dms., c.l., works.	lb.	.06¼- —
l.c.l., same basis.	lb.	.06¾- —
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½- —
l.c.l., same basis	lb.	.05¾- —
liquid, dms., c.l., works, frt. alld.	lb.	.03 - —
l.c.l., dms., same basis.	lb.	.03¼- —
tanks, same basis.	lb.	.02¾- —
USP, gran., bbls., 325 lbs.	lb.	.14 - .16
powd., bbls., 325 lbs.	lb.	.19 - —
kgs., 100 lbs.	lb.	.21 - —
Caustic, flake, 88-92%, dom., c.l., works.	lb.	.07 - —
l.c.l., works.	lb.	.07¼- —
liquid, 45% basis, dms.	lb.	.03¼- .03¼
tanks	lb.	.02¾- —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼- —
l.c.l.	lb.	.06¼- .06¾
Chlorate,[3] cryst., kgs.	lb.	11 Nom
pwd., kgs.	lb.	.09¾- .10

Potash, chloride, tech., 98%, cryst., bgs., kgs.	lb.	.08	Nom.
Chromate,[3,5] kgs.	lb.	.24	- .27
Citrate, USP, gran., 250-lb. bbls., lbs.	lb.	.33½	- —
100-lb. dms.	lb.	.34½	- —
50-lb. dms.	lb.	.35½	- —
25-lb. dms.	lb.	.37½	- —
powd., 3c. per lb. higher.			
Cyanide, dom., dms., works.	lb.	.55	- —
Cyanide, gold, 41% gold, bots., works.	oz.	14.20	-14.96
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots.	lb.	1.50	- —
100-lb. lots	lb.	1.60	- —
50-lb. lots, cbys. or cns.	lb.	1.65	- —
25-lb. lots, cns.	lb.	1.75	- —
Guaiacolsulphonate, fib. dms., 100-lb. lots.	lb.	1.75	- —
25 lbs. to 50 lbs.	lb.	1.80	- 1.85
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs.	lb.	.32	- .34
Hypophosphite, cns., 100 lbs.	lb.	.72	- —
25 to 50 lbs.	lb.	.75	- —
Iodate, bots., 5 lbs.	lb.	3.46	- —
cns., 25 lbs.	lb.	3.35	- —
Iodide, bots or cns.	lb.	1.44	- 1.48
dms.	lb.	1.35	- 1.38
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports.	ton.	No prices	
Manure salt, dom., run-of-mine grade, bulk, ex vessel, ports.	unit-ton.	.60	- —
f.o.b. Carlsbad, N.M.	unit-ton.	.20	- .21
Import, 30%, K_2O, bulk, ex vessel, Atlantic or Gulf ports.	ton.	No prices	
Metabisulphite, kgs.	lb.	.18	- .20
Muriate, dom., min. 50% K_2O, bulk, ex vessel, ports.	unit-ton.	.56	- .58
min. 60% K_2O, same basis.	unit-ton.	.53½	- —
Import, min. 50% or 60% K_2O, bulk, ex vessel, Atlantic or Gulf ports.	unit-ton.	No prices	
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above.			
Oxalate, pure, cryst., kgs.	lb.	.40	- .42
tech., bbls., dms.	lb.	.28	- .30
Nitrate, crude, bgs., c.l.f. ports.	ton.	No prices	
Perchlorate,[3] kgs., wks.	lb.	.09½	- .11
Permanganate,[3] tech., dms., works.	lb.	.19¾	- .20¼
USP, dms., wks.	lb.	.20½	- .21
Prussiate, red, bbls.	lb.	No prices	
Yellow, spot, bbls.	lb.	.17	- .19
Ricinoleate, tech., bbls.	lb.	.13	- —
Silicate alkaline, lumps, bgs.,	lb.	.07	- —
Sulphate, NF, powd., 550 lbs., bbls.	lb.	.15	Nom.
100-lb. kgs.	lb.	.17	- —
Prices on granular 4c. higher.			
tech., dom., bulk basis, 90%, K_2SO_4, ex vessel, ports.	ton.	36.25	- —
imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports.	ton.	No prices	
Xanthate, dms., c.l.	lb.	.12	-
Sulphocyanide, C.P., dms.	lb.	.75	- .85
N.F., dms.	lb.	.55	- .65
Potash-magnesia, sulphate, dom., bulk, 40%, K_2SO_4, ex vessel, ports.	ton.	26.00	- —
Potash-soda ferricyanide, dms., works.	lb.	.40	- .43
Potash titanium oxalate, 350-lb. bbls.	lb.	.45	- —
100-lb. dms.	lb.	.50	- —
Prickly ash bark, bls.	lb.	.12	- .13
Berries, bgs.	lb.	.25	- .26
Prince's pine herb, bls.	lb.	.22	- .23
Procaine, hydrochloride, 25-lb. cns.,	lb.	8.00	- —
5-lb. cans	lb.	8.25	- 8.50
1-lb. bots	lb.	8.75	- —
Propane, tanks, Group 3	gal.	.03¾	- .04
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.85	- .90
Pumice, dom., grd., fine, 4F, 3F, 2F, F. O. bgs., 2,000 lbs. and up.	lb.	.04	- —
600-1,999 lbs.	lb.	.04¼	- —
100-599 lbs.	lb.	.04¾	- —
coarse, O½, ½, 1, 1½, 2, 3, bgs., 2,000 lbs. and up,	lb.	.04¼	- —
600-1,999 lbs.	lb.	.04½	- —
100-599 lbs.	lb.	.05	- —
Pumice, Imp., Italian.	lb.	No prices	
Pumice stone packed in barrels is ¼c. per lb. higher than the above prices.			
Pumpkin seed, bgs.	lb.	.10	- .11
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.15	- —
linseed oil, raw, dms.	100 lbs.	5.00	- —
refined, dms.	100 lbs	5.50	- —
standard, dms.	100 lbs.	4.20	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd.	gal.	4.20	- —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd.	gal.	6.20	- —
Pyrethrum flowers, coarse, grnd. (g.f.p.), 9% pyrethrins, frt. alld., bbls.	lb.	.19	- .20
fine powd., 9% pyrethrins frt. alld., bbls.	lb.	.20	- .21
Pyridin, denaturing, dms.	gal.	1.71	- —
refd., 2°, dms.	lb.	.48	- —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	No prices	
Pyrocatechin, CP, cryst., works, fib. dms., tins.	lb.	2.15	- 2.40
resublimed, fib. dms., tins.	lb.	4.60	- —
Pyrophylite, standard, 200 mesh, c.l., mines.	ton.	10.00	- —
325 mesh, same basis.	ton.	13.00	- —
No. 3, 200 mesh, c.l., mines.	ton.	8.00	- —
325 mesh, same basis.	ton.	11.00	- —
Pyroxylin scrap amber, cs., works.	lb.	.12	- —
black, cs., works.	lb.	.10	- —
china white, ivory, cs., works,	lb.	.13	- —
dense, write, cs., works.	lb.	.10	- —
gray, cs., works.	lb.	.08	- —
mixed, mottles, opaques, cs., works.	lb.	.04	- —
translucent pastels, cs., works,	lb.	.10	- —
transparent, cs., works.	lb.	.20	- —
colors, cs., works.	lb.	.12	- —
shavings, amber, cs., works,	lb.	.16	- —
colors, mixed, cs., works.	lb.	.10	- —
white, cs., works.	lb.	.15	- —

Q

Quassia chips, bls.	lb.	.05	- .06
Quebracho extract, liquid, 36% tan, bbls., works.	lb.	.05¾	- —
tanks, works.	lb.	.05¼	- —
solid, 63%, bgs., c.l., ex dock, plus duty.	lb.	.04¾	- —
clarified, 64%, bgs., c.l., same basis.	lb.	.05	- —
pwd., bgs., c.l.	lb.	.10½	- —
l.c.l., bxs.	lb.	.11	- —
Queen of the meadow leaves bgs.	lb.	.07½	- .08
Root, bgs.	lb.	.10	- .11
Quercitron, crystals, bgs.	lb.	.26	- —
extract, bgs., No. 1	lb.	.10	- —
No. 2	lb.	.09½	- —
No. 3	lb.	.09	- —
solid, bxs.	lb.	.18½	- —
Quicksilver,[2,4,6] dom., flasks (76 lbs. net), dlvd., N.Y.	flask	199.00	-201.00
Quince seed, bgs.	lb.	1.25	- 1.30
Quinidine, N.F.V., cryst., cns.	oz.	1.06	- —
powd., precip., cns.	oz.	1.01	- —
Sulphate, cns.	oz.	.71	- —
Subject to surcharge of 8½c. per oz; see note under Quinine.			
Quinine, 100 ozs., cns.	oz.	.84	- —
Acetate, cns.	oz.	1.05	- —
Arsenate, cns.	oz.	1.05	- —
Arsenite, cns.	oz.	1.07	- —
Bisulphate, cns.	oz.	.60	- —
Citrate, cns.	oz.	.78	- —
Dihydrobromine, bots.	oz.	.82	- —
Dihydrochloride, bots.	oz.	.82	- —
Ethylcarbonate, cns.	oz.	.85	- —
Ferrocyanide, cns.	oz.	1.07	- —
Quinine, formate, cns.	oz.	1.00	- —
Hydrochlorosulphate, cns.	oz.	.81	- —
Glycerophosphate, cns.	oz.	1.20	- —
Hydrochloride, cns.	oz.	.76	- —
Hydroiodide, cns.	oz.	1.05	- —
Hypophosphite, cns.	oz.	1.07	- —
Phosphate, cns.	oz.	.90	- —
Salicylate, cns.	oz.	.79	- —
Sulphate, USP, XI, cns.	oz.	.67	- —
Sulphocarbolate, cns.	oz.	1.05	- —
Tannate, cns.	oz.	.63	- —
Valerate, cns.	oz.	.99	- —
Tartrate, cns.	oz.	1.03	- —
Quinine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.			
Quinine-urea hydrochloride, cns.	oz.	.81	- —
Subject to surcharge of 8½c. per oz; see note under Quinine.			

R

R salt, dry, bbls.	lb.	.55	- —
paste, dms.	lb.	.52	- —
Rapeseed, Argentine, bgs.	lb.	.07¾	- .08¼
Dutch, bgs.	lb.	No stocks	
Indian, medium, recleaned, bgs.,	lb.	.07¾	- .08
Japanese, bgs.	lb.	No stocks	
Raspberries, dried, bls.	lb.	.65	70

Potash, Chlor.—Red, Cadmium

Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10	- 1.90
Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.95	- —
smaller lots.	lb.	1.00	- —
pkgs., ton lots.	lb.	1.00	- —
smaller lots.	lb.	1.05	- —
light shade, bbls., ton lots.	lb.	.80	- —
smaller lots.	lb.	.85	- —
pkgs., ton lots.	lb.	.85	- —
smaller lots.	lb.	.90	- —
light-medium shade, bbls., ton lots.	lb.	.85	- —
smaller lots.	lb.	.90	- —
pkgs., ton lots.	lb.	.90	- —
smaller lots.	lb.	.95	- —
maroon shade, bbls., ton lots,	lb.	1.05	- —
smaller lots.	lb.	1.10	- —
pkgs., ton lots.	lb.	1.10	- —
smaller lots.	lb.	1.15	- —
maroon shade, deep, bbls., ton lots.	lb.	1.15	- —
smaller lots.	lb.	1.20	- —
pkgs., ton lots.	lb.	1.20	- —
smaller lots.	lb.	1.25	- —

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smaller lots.....lb. 1.00 - —
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maroon, works.....lb. 2.90 - —
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Eosin toner, bbls.....lb. 1.25 - —
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Lacquer maroon, bbls., same basis..lb. 1.25 - —
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Red, maroon lake, 25%, kgs., same basis, alizarin lake, contracts..lb. .40 - —
Mercury oxide, tech., bbls., 10,000 lbs..lb. 3.09 - —
smaller lots.....lb. 3.11 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., wks..lb. .09 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .06¾- —
Para, toner, concent., kgs., same basis, alizarin lake, contracts..lb. .70 - —
open order.....lb. .75
Persian Gulf, oxide, bbls., l.c.l. lb. No prices
Phloxin toner (see Red, Eosin toner)
Phosphotungatic rhodamine, Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08¼- —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, Grade 1, c.l., bbls., f.o.b. N.Y..lb. .04½- —
l.c.l.....lb. .04½- —
Grade 2, c.l., bbls., f.o.b. N.Y..lb. .04¼- —
l.c.l.....lb. .04¾- —
Red, toluidin toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N.Y., E. St. Louis..lb. .11 - .40
Red, venetian, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., f.o.b. N.Y..lb. .25 - .40
quicksilver, bbls.....lb. 3.20 - 3.4
Red dyes are listed under Dyes.
Red, precipitate, N. F., powd., fib. dms., 50 lbs. or more. lb. 3.26 - —
Red saunders wood, ground, bbls. lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .10 - .11
Rhubarb, No. 1, high, dried, cs.lb. .50 - .63
powd., bbls.....lb. .55 - .67
No. 2, cs.....lb. .39 - .40
powd., bbls.....lb. .43 - .44
Riboflavin .....gram. 1.50 - 2.00
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - —
Rose flowers, pale, bls.....lb. .42 - .43
red, bls.....lb. 5.00 Nom.
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .16 - .17
Rosin, gum, B, bbls., ex dock....
100 lbs. 3.27 - —
D, bbls.....100 lbs. 3.32 - —
E, bbls.....100 lbs. 3.35 - —
F, bbls.....100 lbs. 3.34 - —
G, bbls.....100 lbs. 3.33 - —
H, bbls.....100 lbs. 3.33 - —
I, bbls.....100 lbs. 3.33 - —
K, bbls.....100 lbs. 3.35 - —
M, bbls.....100 lbs. 3.35 - —
N, bbls.....100 lbs. 3.45 - —
W. G., bbls.....100 lbs. 3.66 - —
W. W., bbls.....100 lbs. 3.66 - —
X, bbls.....100 lbs. 3.66 - —
Rottenstone, dom., ogs., c.i., f.o.b. mines..tons.25.50 - —
l.c.l., f.o.b. mines...ton.37.50 - —
import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

S

Sabadilla seed., powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Scullcap, Eastern, bls.....lb. .28 - .29
Western, bls.....lb. .14 - .15
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .40 - .45
Spanish, tins.....lb.40.00 -41.00
Safrol, cns.....lb. 1.60 - 1.75
dms.....lb. No prices
Sage, Cyprus, bls.....lb. .77 - .80
Dalmatian, bls.....lb. 1.50 - 1.55
ground, bls.....lb. 1.75 Nom.
Greek, bls.....lb. 1.25 - 1.30
Spanish, bls.....lb. .39 - .40
Sago flour, bgs.....lb. .04½- .05½
Salicin, bots., 5 lbs.....lb. 7.00 - —
cns., 25 lbs.....lb. 6.75 - —
Salol, gran., bbls., 200-lbs...lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd. N.Y..ton.14.20 - —
l.c.l., bgs., dlvd. N.Y...ton.17.00 -18.00
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.15.70 - —
l.c.l., dlvd. N. Y.....ton.19.40 -23.20
Saltcake, dom., bulk, works..ton.13.00 - —
import, bulk, c.i.f.....ton.16.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 9.10 -10.10
1-9 tons.....100 lbs. 9.25 -10.25
less than ton lots..100 lbs. 9.50 -10.50
gran., bbls., 10-20 tons..... 100 lbs. 8.10 - —
1-9 tons.....100 lbs. 8.25 - —
less than ton lots..100 lbs. 8.50 - —
powd., bbls., 10-20 tons..... 100 lbs. 9.10 - —
1-9 tons.....100 lbs. 9.25 - —
less than ton lots..100 lbs. 9.50 - —
Santonin, cryst., cns.....kilo.175.00 -180.00
Saponin, crude, cns.....lb. 2.25 - 2.50
Purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls., lb. .32 - .33
Mexican, bls.....lb. .19 - .20
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bls.....lb. 1.35 Nom.
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .98 - 1.00
Senna leaves, Alexandria, half leaf, bls..lb. .18 - .20
siftings, bgs.....lb. .17 - .19
Tinnevelly, No. 1, bls.....lb. .13 - .14
2 bls.....lb. .11 - .13
3 bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .13 - .14
Pods., bls.....lb. .10 - 11
Serpentaria root, bls.....lb. .60 - .65
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .37 - .38
dlvd., Boston.....lb. .38 - .39
Chicago .....lb. .38½- .39½
Pacific Coast.....lb. .40½- .41½
rfd., bbls., f.o.b. N. Y....lb. .43 - .44
dlvd., Boston.....lb. .43½- .44½
Chicago .....lb. .44¾- .45¾
Pacific Coast.....lb. .46¾- .47¾
Garnet, bgs.....lb. .30 - .31
D.C., V.S.O., or Diamond 1, cs., lb. .39 - .40
Superfine, bgs., f.o.b. Boston, N. Y..lb. .30 - .31
dlvd., Chicago.....lb. .30½- .31½
Pacific Coast.....lb. .33 - .34
T.N., bgs., f.o.b. Boston, N.Y. lb. .29 - .30
Pacific Coast.....lb. .32½- .33½
dlvd., Chicago.....lb. .29½- .30½
Shellac, varnish, Metro area, orange, 5-lb. cut, bbls., gal. 1.55 - 1.60
4½-lb. cut, bbls.....gal. 1.50 - 1.55
4-lb. cut, bbls.....gal. 1.45 - 1.50
white, 5-lb. cut, bbls.....gal. 1.70 - 1.75
4½-lb. cut, bbls.....gal. 1.65 - 1.70
4-lb. cut, bbls.....gal. 1.60 - 1.65
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 —
smaller lots, works.ton.25.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works, ton.35.00 - —
smaller lots, works.ton.38.00 - —
96-98% 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
med., grd., 99%, 325 mesh, l.c.l., 2½ tons, works..ton.25.50 - —
hard-quarts, 99½%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —

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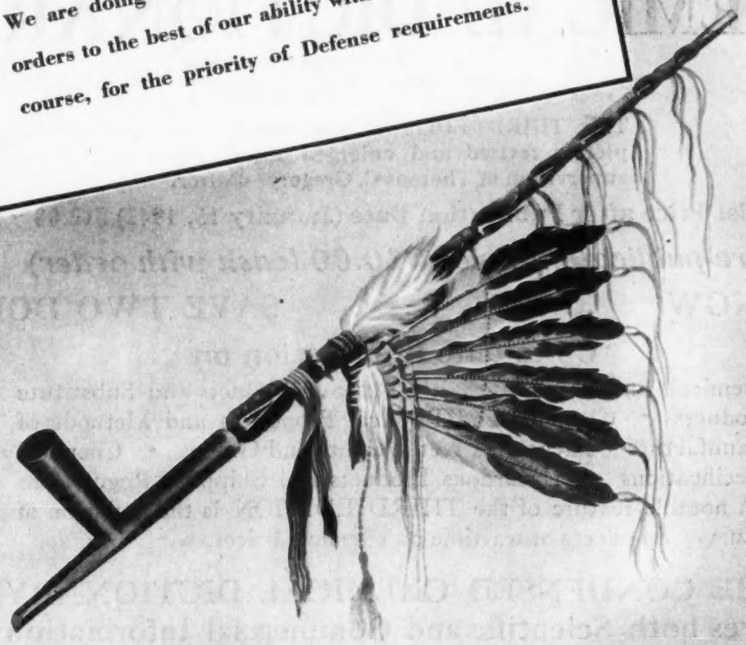
We are doing our utmost to fill our customers' orders to the best of our ability with due regard, of course, for the priority of Defense requirements.



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After William Penn made his famous treaty under the elm in 1683, he kept such faith with the Indians that his colony prospered from the start. Within three years there were 8,000 colonists living peacefully in Pennsylvania.

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PENNSYLVANIA SALT MANUFACTURING COMPANY
1850 Chemicals 1941
WIDENER BUILDING, PHILADELPHIA
NEW YORK • CHICAGO • ST. LOUIS • PITTSBURGH • WYANDOTTE • TACOMA • PORTLAND

Silver, bullion.....oz. .84⅜- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 2,500 ozs.....oz. .33 - —
1,000 ozs.....oz. .33¼- —
500 ozs.....oz. .33½- —
80 to 100 ozs.....oz. .33⅝- —
Nitrate, 100-oz. bots.....oz. .24 - —
Nucleinate, bots., dms.....oz. .29 - .34
Proteinate, bots., dms.....oz. .28 - .33
Simarubra barks, bls.....lb. .40 - .45
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .60 - .65
Smalt, black, extra velvet, ctns., lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .09 - .10
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .16 - .18
powd., bbls.....lb. .16 - .17
soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04½- .05
l.c.l., dlvd.....lb. .05 - .06
USP, bbls., dlvd.....lb. .06 - .07
Alginate, dms., bbls., works.lb. .69 - .73
Aluminate, white soluble, c.l., bgs., frt. equald..100 lbs. 7.80 - —
dms., frt. equald.....100 lbs. 7.75 - —
l.c.l., bgs., frt. equald.100 lbs. 8.40 - —
dms., frt. equald.....100 lbs. 8.65 - —
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate, dms., dealers, c.l., works..lb. .06 - —
l.c.l., dms.....lb. .09¼- .09¾
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06¾- —
l.c.l., dms., works.....lb. .07½- .08½
white, dms., c.l., dealers, works..lb. .07¾- —
l.c.l., dms., works.....lb. .08⅛- .09⅛
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., Zone 1.....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash, light, 58%, bgs., c.l., works..100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse point and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and E. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian; Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 93° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l., dlvd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, [2] spot, c.l., wks., lb. .07¾- —
l.c.l., 6 cks., or 10 bbls. or over, works..lb. .07½- —
5 cks. or 9 bbls. or less, works..lb. .07¾- —
Bifluoride, bbls., c.l.....lb. .11 - —
10 bbls. lots.....lb. .11½- .13
1-9 bbls.....lb. .12 - —
kegs .....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.53 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —

Soda bisulphite, solut., 35 deg., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
44 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - .31
fiber dms., 100 lbs.....lb. .28 - .32
Cacodylate, 1-kilo bots.....lb. No prices
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.05 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
L.c.l., same zone prices as ammonia process
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .07 - .08½
Chromate, [2] spot, c.l., works.. lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .09½- —
Citrate, USP VIII, 225-lb. bbls. lb. .18½- —
cns., dms., 50-lb. lots....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
dms., kgs., 100-lb. lots...lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb.lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
imports, 90% cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .10 - —
anhy., dms., dlvd.....lb. .12½- —
Fluoride, white, 30%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08½- —
1-9, same basis.....lb. .09 - —

Silver Bullion—Soda Nitrate

Soda, fluoride, 95%, bbls., c.l., same basis..lb. .08¼- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots....lb. 1.25 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
powd., bbls., 1,000-lb. lots.lb. 1.80 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.70 - —
solution, cbys., cns.....lb. .82 - 1.02
Hydrosulphite, dms., frt. alld.lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N F., cns., 100-
Hyposulphite, cryst., large, bgs., works, frt. equal'd...100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd...100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., works.... 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
pea, less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.52 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.... 100 lbs. 4.00 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.90 - —
3-14 dms., same basis... 100 lbs. 5.05 - —
1-2 dms., same basis... 100 lbs. 5.30 - —
gran., bbls., c.l., works.....lb. 2.50 - —
10 bbls. and over, dlvd. N.Y..lb. 3.30 - —
1-9 bbls., dlvd. N.Y.....lb. 3.55 - —
Molybdate, anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., c.l., 100-lb. bgs., dlvd., f.o.b. cars, producing points or ports, rail or boat shipment .....ton.30.05 - —
200 lb. bgs., same basis, ton.29.35
bulk, same basis.....ton.27.00 - —

SPOT DELIVERIES

Sodium Fluoride

CAUSTIC POTASH ★ NICKEL SULPHATE ★ COPPER CARBONATE

WHITE HEAVY CALCINED MAGNESIA ★ BICHROMATES

WHITE CALCINED MAGNESITE ★ ★ ZINC SULPHATE

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK • PHONE LE 2-9740

Soda Nitrate—Sulfathiazole

Soda, nitrate, imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses, rail or boat shipment, ton 33.00 - —
200-lb. bgs., same basis, ton 32.40 - —
bulk, same basis ton 30.00 - —
refd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons 100 lbs. 2.65 - —
smaller lots 100 lbs. 2.90 - —
powd., bbls., 10 tons 100 lbs. 5.50 - —
1-9 tons 100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
96-98%, dom., bbls., c.l., West Coast, f.o.b. ports lb. .08 - —
l.c.l. lb. .08¼- .11¼
Soda nitrite l.c.l. prices range represents delivery at various points.
Orthosilicate, anhyd., dms., c.l., works, frt. equald. lb. 4.30 - —
15 dms. and over, same basis lb. 5.45 - —
3-14 dms., same basis lb. 5.60 - —
1-2 dms., same basis lb. 5.85 - —
flake, dms., c.l., works 100 lbs. 3.25 - —
10 bbls. and over, dlvd. N.Y.C. 100 lbs. 4.30 - —
1-9 bbls., same basis 100 lbs. 4.55 - —
Oxalate, neut., bbls. lb. .09¼- —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works lb. .15¾- —

Soda, pentachlorphenate briquets, single bgs., works lb. .26 - —
70 lbs., bgs., works lb. .19½- —
490 lbs., bgs., works lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works 100 lbs. 6.00 - 6.25
l.c.l., works 100 lbs. 6.15 - 7.25
bbls., c.l., works 100 lbs. 6.20 - 6.45
l.c.l., works 100 lbs. 6.70 - 7.45
Phosphate, dibasic, cryst., tech., bgs., c.l., wks. 100 lbs. 2.55 - 2.70
l.c.l., works 100 lbs. 2.95 - 3.45
bbls., c.l., works 100 lbs. 2.75 - 2.90
l.c.l., works 100 lbs. 3.15 - 3.65
monobasic, anhyd., bgs., c.l., wrks. 100 lbs. 7.25 - 8.25
l.c.l., works 100 lbs. 8.00 - 9.00
bbls., c.l., works 100 lbs. 7.45 - 8.45
l.c.l., works 100 lbs. 8.20 - 9.20
tribasic, bgs., c.l., works lb. 2.70 - 2.85
l.c.l., works 100 lbs. 3.10 - 3.60
bbls., c.l., works 100 lbs. 2.90 - 3.05
l.c.l., works 100 lbs. 3.30 - 3.80
kegs, c.l., works 100 lbs. 3.40 - 3.55
l.c.l., works 100 lbs. 3.75 - 4.30
USP (dibasic), bbls., dms., works lb. .08 - .10
dried, bbls., dms., works lb. .11½- .16
Picranate, kgs lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more lb. .11 - —
contracts lb. .10 - —
smaller lots lb. .11¼- —
contracts lb. .10¼- —

Soda, pyrophosphate, anhyd., bgs., c.l., works, frt., equal'd, 100 lbs. 5.10 - 6.10
5 tons and over same basis, 100 lbs. 5.55 - 6.25
less than 5 tons same basis, 100 lbs. 5.60 - 6.60
bbls., c.l., works, frt. equalized 100 lbs. 5.30 - 6.30
5 tons and over same basis, 100 lbs. 5.55 - 6.45
less than 5 tons same basis, 100 lbs. 5.80 - 6.50
Ricinoleate, tech., bbls. lb. .12 - —
Sal. bgs., dlvd., N. Y. 100 lbs. 1.20 - —
works 100 lbs. 1.00 - —
bbls., dlvd., N. Y. 100 lbs. 1.30 - —
works 100 lbs. 1.10 - 1.30
Salicylate, bxs. lb. .52 - .55
Sesquicarbonate, bgs., c.l., works 100 lbs. 1.50 - —
bbls., c.l., works 100 lbs. 1.70 - —
bbls., l.c.l., Zone 1 100 lbs. 2.70 - —
2 100 lbs. 2.85 - —
3 100 lbs. 3.10 - —
4 100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
10 bbls. or over, dlvd. N.Y.C., 100 lbs. 4.05 - —
1-9 bbls. 100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works 100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works 100 lbs. 1.20 - —

Soda, silicate, 52°, dms., c.l., works 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works 100 lbs. 1.80 - —
Silicofluoride, dom., bbls. lb. .12 - .15
Stannate, dms. lb. .33½- .36¼
Stearate, lump, powd., bbls., works lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works 100 lbs. 1.70 - 1.90
5 tons or over, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
Sulphate, N.V. VI, exsiccated, powd., bbls. lb. .07 - .07½
U.S.P. cryst., gran., bbls. lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works 100 lbs. 2.40 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.50 - —
less than 5 tons, dlvd. 100 lbs. 3.15 - —
solid, bbls., c.l., works, 100 lbs. 3.15 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.65 - —
less than 5 tons, dlvd. 100 lbs. 3.90 - —
Sulphite, cryst., bgs., 100 lbs., works lb. 2.10 - 2.35
bbls. 100 lbs. 2.30 - 2.55
powd., bbls., c.l. 100 lbs. 5.25 - —
l.c.l., 5 or more 100 lbs. 5.50 - —
1 to 4 100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms. lb. .26 - .28
Sulphocyanide, C.P., dms. lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works lb. .05½- —
l.c.l., works lb. .06 - —
single dm. lots, works lb. .08 - —
tanks, works lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04¼- —
l.c.l., works lb. .05 - —
Sulphoricinolate, bbls. lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs lb. No prices
tech., kgs lb. 1.35 - 1.50
Solvent, naphtha, dms., wks. gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .26 - —
high-flash, dms., works gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Sorbitol, com'l, dms., works lb. .17¾- —
Soybean meal, 41%, bgs. ton 42.70 - —
protein, bgs., c.l., works lb. .20 - —
l.c.l., 10-20 tons, works lb. .20¼- —
100-20,000 lbs., works lb. .20½- —
smaller lots, works lb. .24 - —
Sparteine sulphate, cns. oz. 3.65 - 4.00
Spearmint leaves, bls. lb. .33 - .35
Spikenard root, bls. lb. .16 - .17
Spruce extract, reg., bbls., c.l., works lb. .01¾- —
tanks, works lb. .01¼- —
powd., super, bgs., c.l., works, lb. .04½- —
super, bbls., c.l., works lb. .02 - —
tanks, works lb. .01½- —
Squawvine, leaves, bls. lb. .14 - .15
Squill, red, powd. lb. .58 - .60
White, bls. lb. .18½- .19
powd., bbls., bxs. lb. .24 - .25
St. Ignatius beans, bgs. lb. .45 - .46
St. John's Bread, edible, bls., lb. .15 - .20
inedible, bls. lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago 100 lbs. 3.10 - —
dlvd., N. Y. 100 lbs. 3.45 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.20 - —
dlvd., N. Y. 100 lbs. 3.55 - —
Potato, dom., bgs., c.l. lb. .0585- —
l.c.l. lb. .0710- —
import, bgs. lb. No prices
rice, bgs. lb. .09 - .10
Sweetpotato, bgs. lb. .06¼ Nom.
bbls. lb. .07 Nom.
Wheat, thick, boil, bgs. lb. .05 - —
Starch, iodide, bots. lb. 1.87 - —
Staveacre, seed, bgs. lb. .35 - .40
Stearin, oleo. lb. .10¼- .10½
Stillingia root, bls. lb. .07½- .08
Stoneroot, bls. lb. .07½- .08
Storax, cs. lb. 2.00 Nom.
Stramonium leaves, bls. lb. .27 - .30
Strontium bromide, cns. lb. .53 - .55
Carbonate, NF, IV, 250-lb. bbls. lb. No prices
tech., 90%, precip., bbls. lb. .15 - .18
Chloride, tech., bbls. lb. .22 - .35
Iodide, bots., 5 lbs. lb. 3.06 - —
jars, 25 lbs. lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over lb. .08¼- —
1-24 bbls. and over lb. .08¾- —
Oxalate, bbls. lb. .44 - —
Strophanthus seed, Kumbe, bgs. lb. 3.75 - 4.00
Strolyl, acetate, bots. lb. 3.10 - 3.25
Strychnine, cryst., cns., 100-oz. lots oz. .60 - —
Acetate, 25-oz. cns., 100-oz. lots oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots oz. .82 - —
Arsenite, 25-oz cns., 100-oz. lots oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz lots oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots oz. .50 - —
powd., cns., 100-oz. lots oz. .40 - —
Sucrose Octa-acetate, C.P. grade., bbls., l.c.l., works lb. .55 - —
denat., bbls., l.c.l., works lb. .45 - —
tech., bbls., l.c.l., works lb. .40 - —
Sugar coloring, bbls. gal. .75 - 1.45
Milk, bbls., c.l. lb. .24 - —
l.c.l., 10 or over lb. .25 - —
less than 10 lb. .26 - —
Sulfadiazine, tablets, bots., 50's. ea. 4.86 - —
100's ea. 8.46 - —
1,000's ea. 72.00 - —
Sulfaguanidine, 3.5-gm. bot. doz. 3.50 - —
4-oz bots. ea. 8.10 - —
1-lb. bots. ea. 30.00 - —
Sulfanilamide, 5 lbs., bots. lb. 1.70 - —
fib. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs. lb. 1.30 - —
25-lb. lots lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots. ea. .50 - —
Sulfathiazole, 5-gm., bot. ea. .42 - —
Sesquicarbonate, 5-gm. bot. ea. .42 - —

STAUFFER CHEMICALS

CAUSTIC SODA

and

BORAX
BORIC ACID
CARBON BISULPHIDE
CARBON TETRACHLORIDE
CITRIC ACID
CREAM OF TARTAR
LIQUID CHLORINE
SILICON TETRACHLORIDE
STRIPPER, TEXTILE
SULPHUR
SULPHURIC ACID
SULPHUR CHLORIDE
TARTARIC ACID
TITANIUM TETRACHLORIDE
WHITING

PACIFIC COAST PRODUCTS

SULPHATE OF ALUMINA
COMMERCIAL NITRIC ACID
COPPERAS
NITRATE OF POTASH
COMMERCIAL MURIATIC ACID
SUPERPHOSPHATE

Stauffer

Stauffer Chemical Co.

420 LEXINGTON AVE., NEW YORK, N. Y.
230 NO. MICH. AVE., CHICAGO, ILL.
624 CALIFORNIA ST., SAN FRANCISCO, CAL.
555 SO. FLOWER ST., LOS ANGELES, CAL.
424 OHIO BUILDING, AKRON, OHIO
FREEPORT, TEXAS APOPKA, FLORIDA

Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
flowers, USP, bgs., c.l..100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.55 - —
bbls., c.l.....100 lbs. 3.40 - —
l.c.l. .....100 lbs. 3.90 - —
flour, comm'l bgs., c.l..100 lbs. 1.65 - —
l.c.l. .....100 lbs. 2.15 - —
Sulphur, refined, cast, bgs., c.l. 100 lbs. 2.20 - —
l.c.l. .....100 lbs. 2.70 - —
heavy, USP, bgs., c.l..100 lbs. 2.60 - —
l.c.l. .....100 lbs. 3.10 - —
bbls., c.l.....100 lbs. 2.95 - —
l.c.l. .....100 lbs. 3.45 - —
light, USP, bgs., c.l..100 lbs. 2.70 - —
l.c.l. .....100 lbs. 3.20 - —
bbls., c.l.....100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.55 - —
lump, bgs., c.l.....100 lbs. 2.20 - —
l.c.l. .....100 lbs. 2.70 - —
bbls., c.l.....100 lbs. 2.55 - —
l.c.l. .....100 lbs. 3.05 - —
roll, bgs., c.l.....100 lbs. 2.40 - —
l.c.l. .....100 lbs. 2.90 - —
Prices at the mine for various grades refined sulphur 25c. less per 100 pounds.
Rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld..100 lbs. 2.65 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.40 - —
Chloride, 55-gal. dms., c.l....lb. .03 - .03½
l.c.l., dms., works....lb. .04 - .04¼
10-gal. dms., c.l.....lb. .07 - .07½
l.c.l. .....lb. .08 - .08¼
Dioxide, liquid, com'l., cyls., works..lb. .07 - .09
multi-unit, cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works..lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s...ton. No prices
leaf, f.a.s.....ton. No prices
extract, bbls., No. 1.....lb. .08 - —
No. 2.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .10 - .12
Sunflower seed, Calif., large bgs., lb. .06¾- .07¼
medium, bgs.....lb. .06½- .07
poultry, Argentine.....lb. .05 - 05½
Superphosphate, run-of-pile, bulk, f.o.b. cars, boat, Balto..ton. 9.50 - —
guaranteed 16%, bulk, same basis..ton.10.00 - —
20%, bulk, same basis....ton.12.00 - —
triple, bulk, f.o.b. cars, Balto., spot..unit-ton. .80 - —

T

Talc, dom., Calif., 1, c.l.....ton.20.00 - —
2, c.l.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, c.l..ton.14.00 -16.00
l.c.l. .....ton.16.00 -18.00
99-99½%, 325 mesh, c.l.... ton.15.25 -17.25
l.c.l. .....ton.17.25 -19.25
98-98%, 325 mesh, c.l..ton.15.00 -17.00
l.c.l. .....ton.17.00 -19.00
99.95%, 325 mesh, c.l..ton.17.00 -19.00
coarse, off-color, c.l.....ton.11.00 -13.00
Aluminum, flake-type, grd. c.l..ton.21.00 - —
l.c.l. .....ton.24.50 - —
Pennsylvania, c.l.....ton.11.00 -13.50
l.c.l. .....ton.12.00 -14.50
Vermont, c.l.....ton.14.00 - —
l.c.l. .....ton.15.00 - —
imp., Canadian, c.l., dlvd. N. Y. ton.24.00 -30.00
French .....ton. No prices
Italian .....ton. No prices
Talc, domestic, is quoted at the mills in bag packing.
Tallow, extra, loose.....lb. .08¾- —
special, loose.....lb. .08¾- —
sulphonated, 85% (34% fat), dms., c.l..lb. .05 - —
l.c.l. .....lb. .06 - —
50% (43% fat), dms., c.l..lb. .06½- —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
Tamarind, No. 1, bbls.....lb. .06 - .07
kegs .....lb. 6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 3.75 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y..unit-ton. 4.50 & .10
high-grade, bulk, Chicago, unit-ton. 4.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports..unit-ton. 4.50 & .10
Tansy leaves, bls.....lb. .22 - .23
Tapioca flour, bgs.....lb. .03¾- .06½
Tar acid oil, 15%, dms., c.l., works..gal. .22 - .24
l.c.l., same basis.....gal. .24 - .26
25%, dms., c.l., works.....gal. .25 - .27½
l.c.l., same basis.....gal. .27 - .29½
Tar, pine, retort, dms., dlvd. E. cities..gal. .29 - —
ports .....gal. .31 - —
tanks, dlvd. E. cities....gal. .22 - —
Tarragon herb, bgs.....lb. 1.50 Nom.
Tartar emetic, tech., nne gran. or powd., bbls., kgs., 5 or more..lb. .47¾- —
less than 5.....lb. .48 - —
dms. .....lb. .48½- .51
USP, powd., bbls.....lb. .52¾- .53
Terpinyl acetate, cns.....lb. .74 - —
dms. .....lb. .71 - —
Terpin hydrate, bbls., dms.....lb. .60 - .65
Terpineol, CP, cns.....lb. .36 - —
dms. .....lb. .33 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine .....lb. 2.40 - 2.65
Sodiosalicylate, dms.....lb. No prices
Thiamine hydrochloride, bots., cns., gram. .65 - .90
Thiocarbanilide, dms.....lb. .24 - —
Thio Urea, C.P., dms.....lb. .55 - .65
Thorium, nitrate, cs, works...lb. 2.00 - —
Thyme, French, bls.....lb. .89 - .94
Spanish, bls.....lb. .17½- .18
Thymol, cns., 25 lbs.....lb. 3.00 Nom.
Iodide, kgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Timbo root (see cube root).

Tin chloride (ous), anhyd.....lb. .48 - .48½
Crystals, bbls., bgs.....lb. .39 - .39½
Metal,[1,4] Straits.....lb. .52 - —
Oxide, bbls.....lb. .55 - —
Tetrachloride, anhyd., bbls..lb. No price
Titanium, dioxide, bgs., c.l., (20 tons)..lb. .14½- —
l.c.l., 5 tons, single delivery, lb. .14¾- —
1,000-9,999 lbs.....lb. .15 - —
50-999 lbs.....lb. .15¼- —
Titanium dioxide, bbls., c.l. (20 tons)..lb. .14¾- —
l.c.l., 5 tons, single delivery, lb. .15 - —
1,000-9,999 lbs.....lb. .15¼- —
50-999 lbs.....lb. .15½- —
non-chalking, bgs., c.l. (20 tons)..lb. .16½- —
l.c.l., 5 tons, single delivery, lb. .16¾- —
1,000-9,999 lbs.....lb. .17 - —
50-999 lbs.....lb. .17¼- —
bbls., c.l. (20 tons).....lb. .16¾- —
l.c.l., 5 tons, single delivery..lb. .17 - —
1,000-9,999 lbs.....lb. .17¼- —
50-999 lbs.....lb. .17½- —
chalk-resistant, bgs., c.l. (20 tons)..lb. .15 - —
l.c.l., 5 tons, single delivery, lb. .15¼- —
1,000-9,999 lbs.....lb. .15¾- —
50-999 lbs.....lb. .15¾- —
bbls., c.l. (20 tons).....lb. .15 - —
l.c.l., 5 tons, single delivery, lb. .15½- —
1,000-9,999 lbs.....lb. .15¾- —
50-999 lbs.....lb. .16 - —
Titanium, barium or magnesium base, bgs., c.l. (20 tons), lb. .05¾- —
l.c.l. .....lb. .06 - —
bbls., c.l. (20 tons).....lb. .06 - —
l.c.l. .....lb. .06¼- —
calcium base, bgs., c.l. (20 tons), lb. .05½- —
calcium-rutile base, bgs., c.l. (20 tons)..lb. .05½- —
l.c.l. .....lb. .05¾- —
bbls., c.l. (20 tons).....lb. .05¾- —
l.c.l. .....lb. .06 - —
Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses. Pacific Coast prices are ¼c. per lb. higher than the above.
Toluidin base, distilled, kgs....lb. .06 - —
Tolu, balsam, cns.....lb. .95 - 1.00
Toluidin, mixed, dms.....lb. .26 - —
Toluol[2], (toluene), 2° indus., dms., returnable..gal. .32 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
Toluol, 1° nitration, dms., returnable..gal. .33½- —
tanks, E. of Omaha, frt. alld.. gal. .28½- —
W. Coast, f.o.b. Minnequa, Col..gal. .28½- —
Tonga vine, F, bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .70 - .85

Sulphonethyl Meth.—Trichlor.

Triacetin, dms.....lb. .26 - —
Trimyl borate, dms., l.c.l., works, lb. .33 - —
Triamylamine, l.c.l., works....lb. .90 - —
Tributylamine, l.c.l., dms., works, lb. .70 - —
Tributyl citrate, ton lots, 475-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichlorethylene, dms., c.l., works., frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2

in the "GRAND STRATEGY" of Industry

YOU hear a lot today about the "Grand Strategy" of the War . . . the major factors and influences underlying its development and final outcome.

There is also a grand strategy of industry . . . which involves an analysis on a long term basis of the trends and forces that shape the development of a company as well as an industry.

Solvay, through its long term planning for strategical plant locations throughout the country, has laid the basis for service to industry which becomes of paramount importance under present conditions.

With plants located in the important industrial areas throughout the country, Solvay today is in a particularly advantageous position to meet the many and varied needs of industry for quality alkalies.

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60th ANNIVERSARY 1881 • 1941

Soda Ash • Caustic Soda • Chlorine • Modified Sodas • Para-dichlorobenzene • Potassium Carbonate • Caustic Potash
Ammonium Bicarbonate • Ammonium Chloride • Calcium Chloride • Causticized Ash • Salt • Sodium Nitrite

Tricresyl Phosphate—Zirconium

Includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo, Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate,[3] CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .37½ —
Tech., dms., c.l.....lb. .25 - —
500 lbs., dms.....lb. .25½ —
Triethanolamine, dms., c.l., works. lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works. lb. 1.05 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Triethyl phosphate, dms., dlvd..lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .56 - —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate[3], dms....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.28.00 - —
double grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root (see Derris root).
Tungsten metal powd.,[3,4] 90%, dms., works..lb. 2.60 - —
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .09 - .09½
Madras, bgs.....lb. .08¾- .09
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .81 - —
l.c.l., 10 ex dock.....gal. .83 - —
5 ex dock.....gal. .85 - —
wood, dest., dist., dms., dlvd. E. ports..gal. .62 - .65
tanks, dlvd., E. cities...gal. .55 - —
steam-dist., dms., c.l., dlvd.gal. .79 - —
l.c.l., dlvd.....gal. .82 - —
tanks, dlvd.....gal. .74 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville....ton.80.00 - —
l.c.l., f.o.b. Belle, W. Va. ton.82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore..ton.85.00 - —
less than 5 tons, f.o.b. New York, Phila..ton.90.00 - —
Import, 40% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —
Urea fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports..ton.57.40 - —
Urea-ammonia liquor, basis, 45% N., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports. ton.127.00 - —
Uva ursi leaves, bls.....lb. .18 - .20

V

Valerian root, Belgian, bls....lb. 1.15 - 1.20
Eastern, bls.....lb. .75 - .80
Valonia, beards, bgs., f.a.s...ton. No prices
cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, to arrive, tins..lb. 9.50 -10.00
Mexican, tins.....lb.12.00 -13.00
cuts, tins.....lb.11.00 -12.00
South American, tins....lb. No prices
Tahiti, tins.....lb. 5.75 - 6.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.50 - —
ex lignin, any quantity, 25-lb. tins..lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.55 - —
Venice turpentine, true, cs...lb. 2.10 Nom.
artificial, cs.....lb. .24 - .25
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals, dms., works.....lb. .25 - —
Ether, 75 c.c.....bot. 1.30 - —
50 c.c.....bot. .73½- —
25 c.c.....bot. .45½- —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .40 - .41
tree.....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.41.00 -43.00
Extract, solid, bgs.....lb. .0460-.04475
liquid, tanks.....lb. .05 - —
bbls.....lb. .05¾- —
Wax, amorphous, group 3, at refineries: 160-165, amber. lb. .15½- —
black.....lb. .14 - —
white.....lb. .26 - —
180-185, amber.....lb. .17½- —
black.....lb. .16 - —
white.....lb. .30 - —
Bayberry, bgs.....lb. .18 - .20
Wax, bees, white, bleach, slabs, cs..lb. .56 - —
cake, cs.....lb. .57 - —
discs, cs.....lb. .58 - —
yellow, crude, Africa, 10-bg. lot..lb. No stocks
1 bg.....lb. No stocks
Brazil, bgs.....lb. No stocks
refd., slabs, cs., lbs.....lb. .51 - .52
Candelilla, bgs., 1 ton.....lb. .30 - .32
jobbing lots.....lb. .31 - .33
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .74 - .76
5 bgs.....lb. .74½- .76½
1 bg.....lb. .75 - .77
N. C., 3, bgs., 1 ton.....lb. .78 - .79
5 bgs.....lb. .78½- .79½
1 bg.....lb. .79 - .80
refined, bgs.....lb. .84 - .85
yellow, No. 1, bgs., ton...lb. .86 - .87
5 bgs.....lb. .86½- .87½
1 bg.....lb. .87 - .88
No. 2, bgs.....lb. .84 - .85
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .12½- .13
jobbing lots.....lb. .13½- .14
150°-160° m.p., bgs., 1 tons...lb. .14½- .15
jobbing lots.....lb. .15½- .16
160° m.p., bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16½- .17
Japan, cs.....lb. .30 - .31
Montan, bgs.....lb. .45 - .46
Ouricury, refined, bgs.....lb. .58 - .59
Ozokerite, hard, green, 1 tongue, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
Ozokerite, snow-white, pure, 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .24 - .25
cakes, cs.....lb. .25 - .26
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.84 - —
White, chalk, com'l., dry-grd., pap. bgs., c.l., works, ton.18.00 -22.00
l.c.l., works.....ton.20.00 -24.00
wet-grd. blp. bgs., c.l., works..ton.21.00 -23.00
l.c.l., works.....ton.22.00 -27.00
gilders, bolted, pap. bgs., c.l., works..ton.20.00 -24.00
l.c.l., works.....ton.21.00 -24.00
extra bolted, pap. bgs., c.l., works..ton.22.00 -26.00
l.c.l., works.....ton.23.00 -27.00
Paris white, pap. bgs., c.l., works..ton.24.00 -28.00
l.c.l., works.....ton.25.00 -29.00
Limestone, air-floated, 95¼%, 250 mesh, pap. bgs., c.l., works..ton.10.10 - —
200 mesh, pap. bgs., c.l., works..ton. 9.50 - —
90% 200 mesh, pap. bgs., c.l., works..ton. 7.00 - —
gilders, pap. bgs., c.l., works, ton.11.50 -13.00
l.c.l., works.....ton.12.50 -16.00
putty grade, water-floated, bgs., c.l., works..ton.12.00 -13.00
l.c.l., works.....ton.13.00 -16.00
precipitated, bgs., c.l., works, ton.14.00 -15.00
l.c.l., works.....ton.18.00 -25.00
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bls.....lb. .13 - .14
Witch-hazel extract, dist., NF, tax extra, bbls..gal. .44 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y..ton.24.00 -25.00
80 mesh, same basis.....ton.26.00 -28.00
100 mesh, same basis.....ton.30.00 -32.00
Import, 70 mesh, bgs., ex dock..ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. No prices
Wormwood, bls.....lb. .48 - .50

X

Xylol (xylene), indus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works, gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
5°, dms., returnable, works..gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .39 - —
3°, dms., returnable, works..gal. .43 - —
tanks, E. of Omaha, frt. alld., gal. .46 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.80 - 1.85
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .52 - .55
bottles, same basis.....lb. .60 - .64
imp., bbls., same basis.....lb. .20 Nom.
Cadmium, CP, import, bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .55 - —
smaller lots, same basis..lb. .60 - —
pkgs., ton lots, same basis, lb. .60 - —
smaller lots, same basis..lb. .65 - —
lb. .65 - —
Sulphide, orange, cases, works, lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. No. of Tenn., and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow, CP prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Yellow, Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis chrome..lb. 1.37 - —
primrose shade, bbls., same basis chrome..lb. 1.75 - —
Mercury oxide, tech., bbls., 1,000 lbs..lb. 2.87 - —
smaller lots.....lb. 2.89 - —
Ocher, Amer., golden bbls., works..lb. .04½- .06¼
yellow, bbls., works....lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l.....lb. .0365- —
French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import..lb. .02475 Nom.
New York (f.o.b.)...lb. .02½ Nom.
Philadelphia, for import..lb. .02¾ Nom.
San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto. Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
Phila., for import...lb. .02¾ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom.
Indianapolis, Kansas City, Milwaukee, St. Louis..lb. .03¾ Nom.
New York.....lb. .03 Nom.
Pittsburgh.....lb. .03¼ Nom.
Portland, Seattle....lb. .03¾ Nom.
San Pedro, San Francisco..lb. .03¼ Nom.
f.o.b. N.Y., from dock, lb. .02⅞ Nom.
from whse.....lb. .03½ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y...lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., same basis.....lb. .07 - —
Persian orange (see O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .17½- —
open order.....lb. .17½- —
Navy specifications type, contracts..lb. .17½- —
open order.....lb. .17½- —
Yellow dock root, dom., bls....lb. .15 - .20
Yellow root (xanthoriza), bls..lb. .11 - .13
Yerba santa leaves, bls.....lb. .10 - .11
Yohimbine hydrochloride, viz..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc,[1,2,5] Metal (see paint market).
acetate, tech., bbls., dlvd...lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Zinc, arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bgs.....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .20
USP, precip., powd., bbls..lb. .32½- —
25-lb. dms.....lb. .37½- —
kgs.....lb. .34½- —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works, 100 lbs. 5.75 - —
l.c.l., dms., works.100 lbs. 6.50 - —
USP, 100-lb. dms.....lb. .30 - .31
25-lb. jars.....lb. .36 - —
solut., 50%, dms., c.l., works, lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
Cyanide, kgs., works.....lb. .33 - .37
Dust, bbls., c.l., dlvd.....lb. .1035- —
l.c.l., bbls., f.o.b. works...lb. .1135- —
Iodide, N. F., bots.....lb. 4.54 - —
jars.....lb. 4.40 - —
Fluoride, bbls.....lb. .20 - .25
Metal (see daily quotations in Market report.)
Oxide, pigment, dom., Amer. process, coml., lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd.....lb. .07 - —
leaded, 5%, bgs., c.l., gal., dlvd..lb. .06¾- —
l.c.l., dlvd.....lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd.....lb. .06¾- —
35%, bgs., c.l., dlvd...lb. .06 - —
l.c.l., dlvd.....lb. .06¼- —
bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd.....lb. .06½- —
50%, bgs., c.l., dlvd...lb. .06 - —
l.c.l., dlvd.....lb. .06¼- —
bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd.....lb. .06½- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd..lb. .06¾- —
bbls., c.l., dlvd..lb. .06¾- —
l.c.l., dlvd..lb. .07 - —
green seal, bgs., c.l., dlvd. lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
red seal, bgs., c.l., dlvd. lb. .07¾- —
l.c.l., dlvd.....lb. .08 - —
bbls., c.l., dlvd..lb. .08 - —
l.c.l., dlvd.....lb. .08¼- —
white seal, bgs., c.l., dlvd. lb. .08¾- —
l.c.l., dlvd.....lb. .09 - —
bbls., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
imported, gold seal, cks., ex whse..lb. No prices
green seal, bbls., ex whse. lb. No prices
white seal, cks., ex whse..lb. No prices
USP, l.c.l., 50-lb. ctns., 50-lb. dms..lb. .10 - —
Lead-free and 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ½c. per lb. higher ex whse. Pac Cst.; 50% leaded is 5.6c. per lb. higher for car lots delivered Pac. Cst.
Palmitate, bbls.....lb. .24½- .27½
Zinc, resinate, fused, pale, bbls. lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Zinc, stearate, tech., precip., bbls., ctns., one ton..lb. .27 - —
smaller lots.....lb. .28 - —
USP, bbls.....lb. .30 - .31
Sulphate, cryst., bgs., c.l., 100 lbs. 3.40 - —
l.c.l.....100 lbs. 4.15 - —
bbls., c.l.....100 lbs. 3.65 - —
l.c.l.....100 lbs. 4.40 - —
flake, bgs., c.l.....100 lbs. 3.80 - —
l.c.l.....100 lbs. 4.55 - —
bbls., c.l.....100 lbs. 4.05 - —
l.c.l.....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.35 - —
100 lbs. 5.35 - —
l.c.l.....100 lbs. 6.10 - —
bbls., c.l.....100 lbs. 5.60 - —
l.c.l.....100 lbs. 6.35 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .07¾- —
l.c.l., dlvd.....lb. .08 - —
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd..lb. .08 - —
l.c.l., dlvd.....lb. .08¼- —
barium, pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Calcium pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
magnesium pigment, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Car lot prices are ½c. higher delivered Pac. Cst. and less car lot prices are ½c. higher ex whse. Pac. Cst.
Sulphocarbolate, NF, bbls., dms..lb. .24 - .29
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse., Pac. cst..lb. .05¾- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, gr., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works, lb. 1.90 - 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the November 3 issue; the next printing will be in the December 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market which begins on page 41.

Materials Supplies for Civilian Use Forecast

—Continued from page 3

materials is already established, and they will be released on a pound-per-pound basis to take care of approved requirements.

The table, reproduced below, is said to give the latest, most accurate picture of scarce materials as related to defense and civilian demand. It gives for each one of the listed commodities the ratio estimated civilian supply will bear to demand, after military requirements have been filled. For illustration, the table shows that for the remainder of 1941 there will be only one pound of aluminum available for civilian purposes for every 52 pounds of civilian demand. In 1942 civilian demand for aluminum will be six times the supply available after military requirements are met. It is pointed out that, as additional appropriations are made and as the more and more ambitious program for military production is undertaken, the scarcity indicated by these figures will be intensified.

Here are the figures:—

	Ratio of supply to civilian requirements. 1941	1942
Aluminum	1:52	1:6
Antimony	1:108	...
Brass	1:3	1:4
Cadmium	1:1.1	1:1.3
Calf and kipskins	1:1.2	1:1
Cattle hides	1:1.1	1:1
Chromite	1:0.9	1:1
Cobalt	1:3	1:1.3
Copper	1:1.2	1:2
Cork	1:1.2	...
Goat and kidskins	1:1.4	1:1.2
Graphite	1:1.1	1:1.4
Kapok	1:1	1:1
Lead	1:1	1:1.1
Magnesium	1:0	...
	(No supply for civilian use)	
Manganese ore	1:0.9	1:1.1
Manila fiber	1:1.1	...
Mercury	1:0.7	1:0.9
Mica	1:0.8	1:1
Molybdenum	1:1	1:1.3
Neoprene	1:2	1:0.5
Nickel	1:0	1:3
	(No supply for civilian use)	
Pig iron	1:1.1	1:1
Potash	1:1.2	1:1.4
Rubber	1:0.7	1:0.6
Sheep and lamb skins	1:1	1:1
Silk	1:3	...
Tin	1:0.8	...
Tungsten	1:1	1:1.7
Vanadium	1:1.3	1:1.3
Wool	1:1.8	1:0
	(No supply to meet civilian demand)	
Zinc	1:1.5	...

The tin can enlists for the duration

How Changes in America's Most Widely Used Containers Are Aiding National Defense.

YES, the tin can has "joined up." In fact, some of these containers will soon be appearing in new "uniforms."

The reason is this: Tin is one of America's most vital defense materials. To conserve this country's essential reserve supply of tin, the research scientists of the can makers' industry have developed and perfected changes in tin containers that will effect tremendous savings in this vital defense metal.

Take the coffee can, for instance

The vacuum-packed coffee can will soon look slightly different. Its top and bottom are now being made of an enameled steel rather than the tin-plated steel formerly used. This change enables us to make a considerable saving of the tin normally used for coffee cans without sacrificing their ability to guard the freshness and flavor of your coffee.

Food cans, paint cans, oil cans

Practically every other tin container also has undergone changes, each according to its use and contents. An 80 per cent lead coating, instead of the usual lead and tin coating, is being used on cans for such things as paint, oil, gasoline.

On food cans, the tin coating has been reduced 10 per cent. Today's better, higher-grade steels make this possible.

(*Note:* The tin coating on food cans prevents rust on the outside and enables the side seam of the can to be soldered at high speed. It has never had anything to do with the wholesomeness of the food in the can.)

And through these changes you will be proud to know the can makers of America are conserving millions of pounds of tin a year.

And this tin—which has been saved—is now going straight to industries which are turning out the ships and planes and guns that will defend America! This is just a beginning. As rapidly as our laboratories can perfect new changes, new tons of tin will be diverted to defense.

* * *

American Can Company
230 Park Avenue, New York, N. Y.

Oil, Paint and Drug Reporter

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Big Jobs for Big Men

Somebody is going to have a whale of a job to do when the new system of allocating critical materials for nondefense production becomes operative. There will be jobs for a thousand and one somebodies if the allocating is to be equitable. Most of these jobs will be in the finding and collating of facts on supply demand —and inventions. The actual determining of who gets what and how much will be a one man's job; and the man will have to be of full man's size in every particular.

Rumor has it that the allocating of some critical materials would be left in the hands of producers; also that producers did not relish the job. The second part of that gossip is easy to believe; the first part is asinine—that, of course, would not preclude its being true—the defense agencies are going to do all the dealing.

Equitable allocating requires, first, that consumers report their actual, net needs in full detail to a defense agency which knows how to evaluate various lines of production in terms of public usefulness and necessity. The second step is to know thoroughly the actual and potential capacity of supply and the various factors and functions which can affect it. The third step is to get reasonable and definite data on current defense needs and on all plans and projects which are to be expected to affect these. The next step is to allocate, and the last one is to make every ruling stick as long as the facts so indicate but to revise promptly any and all which are found to be out of line.

Somebody in every industry is going to have a big job taking care of allocations. And in every industry that somebody must be big enough to accept a secondary or even lower ranking when the facts, not fancies or desires, put his group out of first place. There is already too much of the old "Me first!" policy under all aspects, defense as well as civilian, of the defense program. The times demand realistic men who are big enough to take their proper place in line. Such men are not plentiful because they are too big for ordinary jobs.

Clear Thinking Necessary

The ability to think a thing through to a logical conclusion is not given to many. Even in normal times those favored individuals who can concentrate on a single subject to the exclusion of all others for a sustained period of thirty minutes; admittedly an excellent test of mental capacity, are beset by doubts and distractions. In today's chaos the thought processes are more difficult and more complicated than ever.

And yet, despite this, businessmen are deeply cogitating their problems, their duties, their responsibilities, the real and the potential dangers of their positions. The harder it is to lift the veil that hangs before the future, the more are businessmen now seeking to take a peek behind it. Men who heretofore have muddled through are at least thinking that muddling will get them nowhere. Mere shrewdness is being recognized as trick thinking, and opportunism is grabby thinking which has no place in a planned economy.

Unfortunately, while business elements of the country are thus sincerely endeavoring, within the limits of their capabilities, to think things through in the light of current predicaments and permanent readjustments, there are political groups whose minds still function in tune only with immediate exigencies, momentary advantages, and fleeting prestige, which will be cashed in on at the next polling time.

Political thinking which is expedient or devious, insincere or indecisive, can only lead to a complication of the confusion. An example of this is had in the fact of the administration's hurried declaration on domestic strikes just prior to the neutrality repeal and, additionally, in the vote of an admittedly large group in both parties who cast aside conviction and acted in anticipation of political advantage when "reaction" comes—if it does.

According to a recent survey, there is a rising popular confidence in American industry and business management. If only the people can be inspired with similar confidence in political thinking in the nation's capital, the rough and unmapped road into the future will be traveled with greater assurance.

—O-P-D—

Governmental Buying Sprees

The "administration" is blamed for it by those members of Congress who, more or less of their own volition, have come to the conclusion that the program of national defense is not functioning in the best interests, as they see them, of the public welfare, as measured by the boundaries of their several bailiwicks. The congressmen are right, generally speaking; but they rest their case entirely too much on administrative, especially defense agency, sins of omission. The contribution of governmental defenders to the actual and alleged shortages of materials and jobs has in no small part been of the nature of greatly overdone anticipatory buying and of other buying which has unnecessarily and ignorantly duplicated materials on hand.

Industries are beginning to realize that government has laid in a mighty supply of a lot of things; that it has bought or has on critical order millions of dental drills, millions of pounds of nonferrous metals and paper and cloth and many other things. The ordering of a million and more coffins is in point. The buying of some ten years' supply of narcotic drugs on top of as much more which had been turned in by the Bureau of Narcotics is another example of the lack of coordination of governmental buying, the prevalence of a policy of not only denying the left hand knowledge of what the right hand has done but also of putting too many right hands to the doing of a one-handed job.

It would appear that the habit of dealing in astronomical figures which has become characteristic of governmental financing has spread to all other governmental figurers—every number in an estimate of buying must be extended with another 000, and perhaps similarly extended again by the next scrutineer. It would appear that nothing has been learned in the "art" of governmental buying from the experience of World War I. It is to be expected that business again will get the "old one-two" from government—first, when its overbuying sends prices up and supplies down, and secondly, when its surplus selling exerts the opposite effect.

There is supposed to be some sort of a coordinator of governmental buying somewhere in the wrack of governmental functioning. He, or it, is not working, or at least not doing adequately. There is waste for government and there is want for all others who need certain materials. Congress should stop laying blame and do a good job of laying bounds. There is no real reason why government, any more than private enterprise, should be permitted to hoard.

—O-P-D—

Alcohol Is Befuddling

It begins to look from certain angles as though the Treasury Department does not relish the statutory permitting of withdrawal of alcohol from registered distilleries for defense purposes. The department has reported on the Dirksen (H.R. 5811) and Gearhart (H.R. 5852) bills which are directed to that end. It does not like either one, but if must be it would rather have the former measure which is a complicated bit of language that appears not to be limited to defense permissions and to have potential detriment for the taxfree industrial use of alcohol.

It is possible that the Gearhart bill is too simple for administrative, as well as legislative, minds. That measure would simply extend to withdrawals for governmental defense uses the privileges for export. But, the Treasury Department expresses fears of its own ability to prevent diversion of governmental alcohol to beverage use. Maybe it should know about that—but it lays upon other governmental agencies suspicion which, for some reason, it does not find among exporters.

There is a possibility that the Treasury Department's stronger objections to the Gearhart bill arise from a feeling that it has the better chance of enactment. The opposition to both bills may derive from a commendable belief that there are already enough laws in the matter. The department has gone to the purpose imputed to the bills, that of facilitating the procurement of alcohol for defense from registered distilleries, by way of a regulation. That being the fact, neither of the two bills is necessary. Why then did not the Treasury Department baldly say so instead of casting aspersions on all sorts of officials, including its own?

VITAMINS AND DEFENSE

IN all wars since history began disease has been the cause of more casualties, both military and civilian, than the weapons of the enemy. During the last World War it began to be recognized that some of these diseases, such as scurvy, were caused by a definite deficiency of some essential ingredient in the diet while others probably spread because of lowered resistance of the population due to this and other dietary lacks. Because of their relationship to life, these essentials were termed vitamins. Since practically nothing was known about them at the time, little could be done toward correcting these deficiencies.

Since then science has made tremendous strides in the chemistry of vitamins. The structure of most of those isolated has been determined and methods for synthesizing many of them developed.

The nations of the world have not been slow to recognize the importance of the vitamins. In her rearmament program Germany included factories for their production along with those for manufacturing guns, explosives and other munitions of war. One important ingredient in the emergency ration of the German parachute troops has been tablets of synthetic Ascorbic Acid (vitamin C). Our own Government has also recognized the importance of this vitamin and has included a product containing synthetic Ascorbic Acid in the ration of those now training for defense of our nation both on land and sea.

The United States and the British Empire have also included the maintenance of civilian health and morale in their defense plans. Enriched flours and breads, to which a number of the vitamins together with certain minerals have been added, have received official sanction. This development has been hampered by an insufficient supply of one of the vitamin ingredients — Riboflavin (vitamin B_2).

Chas. Pfizer & Co., Inc. have been glad to assist in the Defense Program. We have been one of the largest producers of Ascorbic Acid (vitamin C) for several years. There has been a continual increase in our production of this synthetic vitamin and plans are now in the process of consummation which will still further enlarge our productive facilities.

After a research program of several years, the production of Riboflavin (vitamin B_2) was started by our Company in 1940. At the present time we are bending every effort toward a great increase in the size of our productive facilities in order to assist in supplying the large quantities of this essential vitamin which are needed.

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Heavy Chemicals

Further Tightening in Basic Chemical Supplies Noticeable —One Factor Extending Refined Sulphur Prices Into 1942 —Sellers Hesitant About Releasing Next Year's Prices

An active demand and tightening of basic chemical supplies continued in the market for heavy chemicals last week. While several new plant projects are under way, including government financed and private operations, not much relief was looked for until some time in 1942. It is estimated that most of the expanded capacity will be absorbed by direct defense requirements. Reports in the trade placed October business ahead of September, despite the shortage of many materials, and so far this year range anywhere from forty to fifty percent ahead of the same period a year ago.

One leading producer announced acceptance of contracts in various grades of refined and ground sulphur for next year at the same levels, subject to quarterly revision. Some sellers were writing contracts on various chemicals covering next year requirements, but withheld any comment regarding prices until later in the year. In one instance letters were used to inform customers of intention to renew existing contracts, pending formulation of new forms to cover present conditions.

Paper production, as a percentage of six-day capacity, was 106.5 percent in week ended November 15, according to the American Paper and Pulp Association. This compares with 104.0 percent in the previous week and 84.7 percent a year ago.

Price Changes

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
168.5	168.5	168.3	156.8

Index number compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
109.0	109.0	109.0	101.6

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Prices well sustained and movement steady against contracts.

Alumina Sulphate.—Good demand. Prices unchanged and firm.

Ammonia, Anhydrous. — Defense and civilian needs absorbing output. Prices rule firm.

Ammonia, Aqua. — Inquiries and shipments remain active. Prices display firmness.

Ammonia Bicarbonate.—Sellers engaged in writing contracts for next year at firm levels.

Ammonia Bifluoride. — Good inquiry, but supplies limited. Prices nominal.

Ammonia Nitrate.—Broad defense needs continued to take all offerings. Prices held firm.

Ammonia Silicofluoride.—Material scarce. Prices remain nominal.

Ammonia Sulphocyanide.—Demand steady and market in firm position.

Ammoniac, Sal. — Sellers writing contracts for white at same levels. Shipments held at good levels.

Antimony Metal.—Domestic spot price unchanged. Inquiries steady.

Antimony Oxide.—Business restricted to regular channels. Prices lacked change.

Soda Sulphide

A broadening in domestic and export requirements placed soda sulphide in a tight position since the start of the war. Defense needs have expanded considerably in the textile and leather field. Substantial quantities are used in the processing of sulphur dyes which go into the khaki uniforms needed for the armed forces, while the demands from the leather industry have increased for the treatment of hides and skins.

Producers were not able to book any new business, and attempted to provide for the needs of all regular consumers. No estimates were obtainable on current production, the latest available figures released by the Census Bureau showed output during 1939 of 31,481 tons, valued at $1,633,895, compared with 27,266 tons, valued at $1,529,592 in the 1937 period.

Prices since the beginning of the war have been firm, and an advance of 15c. occurred in the various grades in September of this year. Quotations for the crystal in car lots ranged from $2.40 to $3.15 per 100 pounds and the solid $3.15 to $3.90 per 100 pounds. Prices in the outside market range anywhere from 9c. to 11c. per pound.

Arsenic. — Sellers well booked ahead and accepting no new business. Prices unchanged.

Barium Carbonate.—Business usually confined to regular channels. Prices unchanged and firm.

Barium Chloride.—Steady movement against contracts. Prices firm.

Barium Dioxide.—Defense needs taking substantial portion of output. Prices were firm.

Bleaching Powder.—No word concerning next year's prices. Sellers unable to book any new business.

Calcium Carbide.—Active buying. Pricewise a firm tone predominated.

Calcium Chloride.—A good seasonal movement was under way. Prices held at previously established levels.

Carbon Tetrachloride. — Shipments continued under rigid priority control. Prices failed to change.

Chlorine.—Defense needs limit civilian supplies. Nothing new occurred in the prices.

Cobalt Oxide.—Prices without change. Business held to regular channels.

Copper Salts.—Restriction on metal moderated offerings and market was in a generally tight position. Prices display firmness.

Copper Sulphate.—Bookings run far ahead, new domestic production now started. Prices firm at recently established levels.

Fluorspar.—Situation tight and inquiries active. Prices remain firm.

Glauber's Salt. — Steady movement against contracts. Prices without change.

Lead Acetate.—Output well absorbed, and supplies limited. Prices firm.

Magnesite. — Demand heavy, some imports expected to arrive from Cuba shortly. Prices firm.

Manganese Dioxide. — Shipments confined to contracts as a rule. Prices lacked change.

Nickel Salts.—Most sellers able to

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

take care of regular consumers normal needs. Prices unchanged and firm.

Phosphorus. — Material going into defense work restricting civilian use. Prices held the same.

Potash Carbonate. — Buying brisk, and market retains its firm position.

Potash, Caustic.—Sellers engaged in writing contracts for next year at same levels. Demand active.

Potash Chlorate. — Defense and civilian needs take available offerings. Prices firm.

Potash Permanganate. — Sellers accepting no new business or export inquiries. Prices held at previous levels.

Saltcake. — Domestic output continued to move to consuming channels in good volume. Prices firm.

Saltpeter. — Demand active. No word concerning next year's prices as yet.

Soda Acetate.—Material in short supply. Prices unchanged and tone firm.

Soda Ash. — Contract writing for next year well under way. Business limited to regular contract allotments. Prices display firmness.

Soda Bicarbonate.—Sellers engaged in writing contracts for next year at firm levels. Shipments steady.

Soda Bifluoride. — Supplies tight. Prices underwent no change.

Soda Caustic.—Broad buying for civilian and defense needs unabated. Market position very firm.

Soda Chlorate. — Active interest continues, with no new business accepted. Prices firm.

Soda Cyanide.—Heavy demand, with sellers taking care of all defense and regular consumers needs. Prices held firm.

Soda Fluoride.—Good portion going to defense, and position short. Prices firm.

Soda Hydrosulphite.—Supplies limited and business restricted. Prices firm.

Soda Nitrite.—Steady buying. Market position continued firm.

Soda Phosphate. — Market tight, and selling confined to regular consumers for normal needs. Prices without change.

Soda Silicate.—A broad buying interest characterized the market. No change occurred in the prices.

Soda Silicofluoride.—Spot offerings remain limited. Prices were nominal.

Soda Sulphite.—Demand steady. No change was disclosed in the quotations.

Sulphur, Refined.—A leading seller extends contract prices into the first quarter of next year. Shipments active.

Zinc Sulphate.—Withdrawals heavy against contracts. Prices unchanged and firm.

Acids

An active demand continued in the market for acids last week. A number of materials were in short supply as defense needs absorbed sizable quantities. Prices underwent no change and tone was firm. Acetic and acetic anhydride continued in a short position. Business in chromic was limited to normal requirements. Muriatic and nitric moved at an active pace. Oxalic supplies remain limited, while situation in phosphoric was tight. Shipments of sulphuric were confined to regular contract channels.

Acetic.—Demand active. Prices firm at ceiling levels.

Acetic Anhydride.—Supplies short. Prices without change.

Battery.—Shipments steady. Prices held at previous levels.

Chromic.—Commitments held to normal requirements. Prices firm.

Formic.—Market tight. Buying steady and prices without change.

Gallic.—Supplies limited. Good inquiry. Prices lacked change.

Hydrofluoric.—Good interest. A firm tone governed the dealings.

Lactic.—All grades in good demand. No change in the prices.

Mixed.—Shipments active against contracts. Prices rule firm.

Muriatic.—Active inquiry. Pricewise a firm tone prevailed.

Naphthenic.—Business moving directly to consuming channels. Prices unchanged.

Nitric.—Defense and civilian needs take available offerings. Prices firm.

Oxalic.—Offerings limited. No change occurred in the prices.

Phosphoric. — Situation remains tight. Prices at same levels.

Sulphuric.—Movement steady against contracts, with sellers unable to book additional business. Prices display firmness.

Baltimore, Nov. 19.—The market for sulphuric acid shows no changes of consequences compared with conditions at any time within weeks. Stocks of acid seem large enough to take care of deliveries on contracts, but the chances of buyers who are not covered by agreements to get acid seem very slight. The current nominal quotations hold at $14 per ton for 60 degree and at $16 per ton for 66 degree acid, while oleum is firm at $19 per ton.

Insecticides

Quiet conditions continued to surround the trading in the market for agricultural insecticides and fungicides last week. Not much in the way of new business was expected to materialize for the next several weeks. Preparations have started, however, for next year, with the season expected to get under way earlier than usual. Price developments were again absent.

Bordeaux Mixture. — Market quiet. Prices unchanged and tone firm.

Calcium Arsenate.—Demand light. Prices failed to change.

Lead Arsenate.—Prices remain the same, while business continued along seasonal lines.

Resale Market

A good number of inquiries reached the market last week. Sellers experienced difficulty in securing additional supplies of materials, however, and were not disposed to sell so readily. The general trend was upward.

Alumina sulphate, commercial, was $3.25 per 100 pounds; potash chrome alum, 18c. to 25c. per pound; ammonia bifluoride, 25c. to 30c. per pound; Arsenic, white, 15c per pound; barium

—*Continued on page* 34

Chlorine Use in Paper Industry Curtailed

—*Continued from page* 3

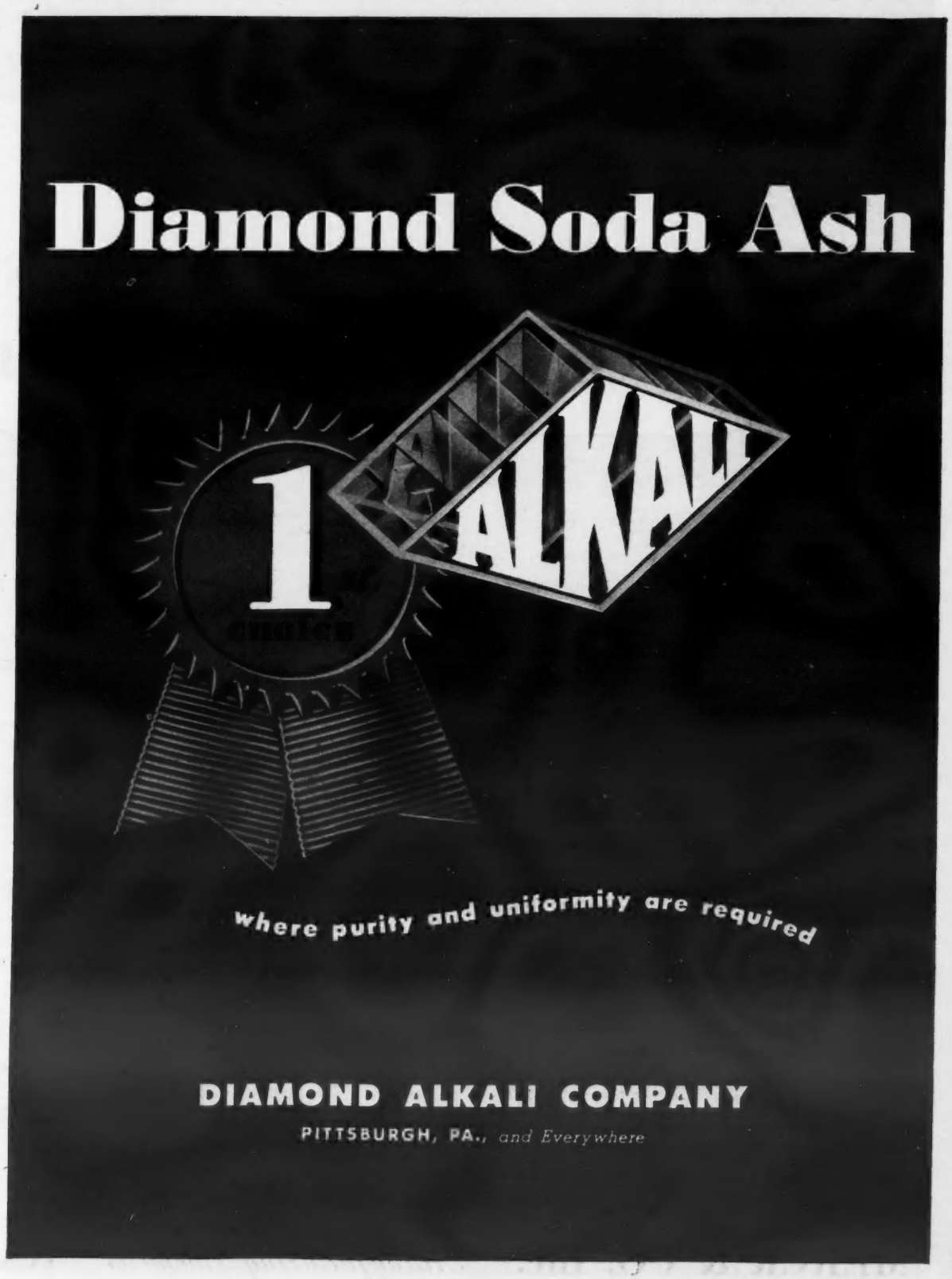
The result will be less whiteness, or "brightness" in the idiom of the paper trade, in practically all grades of paper. The changes will be noticeable, it was said, on close examination, but will not be observable on casual inspection.

In general, all grades of paper will correspond to the standards of 1931-32. Since that time increased use of chlorine has resulted in whiter papers.

Practically all grades of paper are affected by the order, with the exception of newsprint, in which no chlorine is used. Brightness ceilings are provided, ranging from a cut of 4 points in 100 percent rag content writing paper to total elimination of chlorine in groundwood, the grade commonly used in "pulp" magazines and books. Bleaching also is eliminated for most bags, sacks and wrapping paper and for specialty papers, such as sandpaper base.

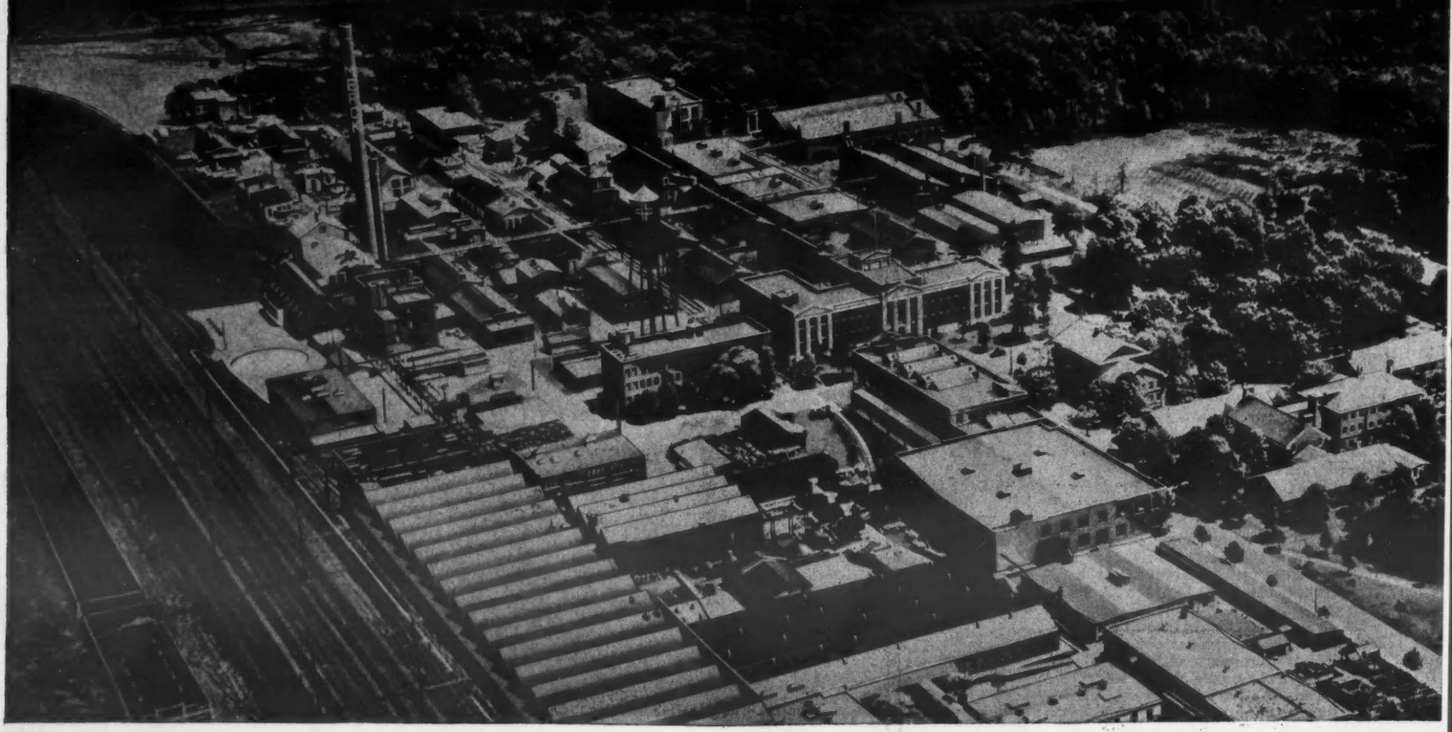
The order does not apply to stocks on hand produced prior to the applicable dates of the order. No restriction is placed on the use of chlorine for sanitary purposes. Producers who manufacture their own chlorine are required to comply with the terms of the order. Regulations are set up on a quarterly-period basis, with various percentages fixed for the use of chlorine as compared to the three-month period ending July 31, 1941.

Robert C. Harnden, 'Dowcide' division of the Dow Chemical Company, this city, was married recently to Miss Dorothy Seymour, Knoxville, Tenn.



MERCK

A SYMBOL OF LEADERSHIP
IN THE PURE VITAMIN FIELD



MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

Ever since the first of the pure vitamins (ascorbic acid) was synthesized in 1934, the name Merck has been identified with leadership in the synthesis, development, and production of these vitally important substances.

The growing list of Merck contributions in this field emphasizes the outstanding rôle being played by Merck chemists and their collaborators in making available pure vitamins of known and uniform potency.

The identity of pure vitamins produced by chemical synthesis, and pure vitamins derived from natural sources—in chemical composition, physiologic function, and physical characteristics—is definitely and authoritatively established.

It is therefore possible to formulate desirable vitamin combinations with consummate ease. By using these pure chemicals of known and uniform potency, the proportions of the individual vitamins can be readily adjusted to meet the pharmaceutical manufacturer's specific requirements. It is only through the use of these pure vitamins that the high dosages indicated in severe deficiency states can be provided.

The Merck scientific staff and laboratories are prepared to serve you in manufacturing problems involving the use of pure vitamins in your products.

MERCK CONTRIBUTIONS IN THE VITAMIN FIELD

1934 Ascorbic Acid Merck (U.S.P.) was made available.

1936 Vitamin B_1 was synthesized in the Merck Research Laboratories.

1937 Vitamin B_1 Merck (Thiamine Hydrochloride U.S.P.) was made available.

1938 Nicotinic Acid Merck (U.S.P.) and Nicotinic Acid Amide Merck were made available.

1938 Riboflavin Merck (Vitamin B_2) was made available.

1938 Alpha-Tocopherol (Vitamin E) was identified and synthesized by Merck chemists and their collaborators in other laboratories.

1939 Vitamin B_6 was synthesized in the Merck Research Laboratories.

1940 Vitamin B_6 Hydrochloride Merck was made available.

1940 Alpha-Tocopherol Merck (Vitamin E) was made available.

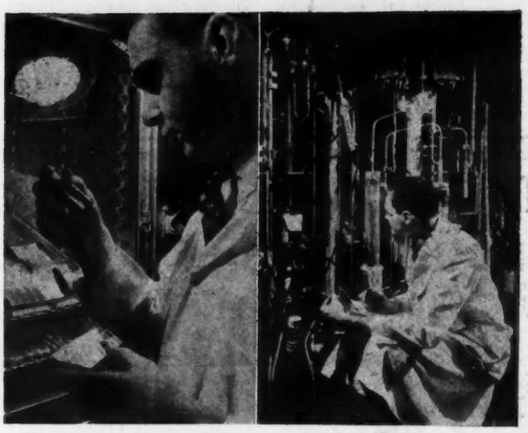
1940 2-Methyl-3-Phytyl-1, 4-Naphthoquinone (Vitamin K_1) was made available.

1940 2-Methyl-Naphthoquinone Merck (Vitamin K Active) was made available.

1940 Pantothenic Acid (Member of B Complex) was identified and synthesized by Merck chemists and their collaborators in other laboratories.

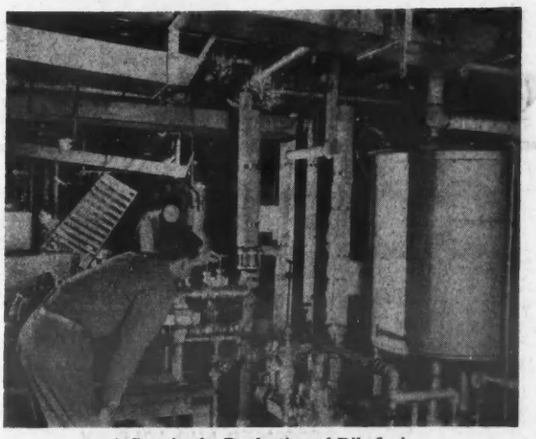
1940 Calcium Pantothenate Dextrorotatory Merck was made available.

Isolation of a Vitamin *Chemical Assay of Vitamin B_1*



Examination of Ampuls in Vitamin Stability Tests *Catalytic Synthesis in Vapor Phase*

Recording Results of Biochemical Assays of Pantothenic Acid *Chemical Assay for Vitamin K*



A Step in the Production of Riboflavin

Photographs above were made at the Merck Laboratories and Plant in Rahway, N. J.

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Heavy Chemicals

—Continued from page 31

chloride, 10c. to 15c. per pound; bleaching powder, 12c. to 15c. per pound; cobalt oxide, $2.25 to $3 per pound; copper sulphate, 7¼c. to 8c. per pound; carbon tetrachloride, 21c. to 25c. per pound; nickel salts, 25c. to 35c. per pound; red phosphorus, 82c. to 85c. per pound, and zinc chloride, 12c. to 15c. per pound.

Potash carbonate ranged from 12c. to 15c. per pound; caustic, potash, 9c. to 10c. per pound; potash chlorate, 45c. to 60c. per pound, and potash metabisulphite, 45c. to 50c. per pound.

Soda acetate, anhydrous, 12½c. per pound; soda ash, $2.40 to $3 per 100 pounds; soda bicarbonate, $2.50 to $3.25 per 100 pounds; soda, caustic, solid, $4.75 to $5 per 100 pounds; soda fluoride, 20c. to 30c. per pound; soda hydrosulphite, 33c. to 38c. per pound; soda nitrite, 10c. to 13c. per pound; soda phosphate, tribasic, $5 to $6 per 100 pounds; soda silicofluoride, 22c. to 30c. per pound, and soda sulphide, 9c. to 11c. per pound.

Obituaries

H. Gordon MacKelcan

H. Gordon MacKelcan, secretary and vice-president in charge of sales for Innis, Speiden and Company, industrial chemicals, this city, died unexpectedly November 15 in the Hartford Hospital, Hartford, Conn., where he was taken after suffering a cerebral hemorrhage while watching a football game between Wesleyan University and Trinity College. His son, Douglas, a senior at Wesleyan University, was playing right halfback in his final game for the university.

H. Gordon MacKelcan

Mr. MacKelcan was fifty-one years of age and was born in Hamilton, Ontario, Can. In 1892, when he was two years old, his family moved to Chicago, Ill., remaining there until he was twelve years old when the family then moved to East Orange, N. J., where he attended grammar school and later graduated from the East Orange High School. He joined the Innis, Speiden organization on October 12, 1908, as junior clerk and worked through all departments of the business, becoming sales manager in 1922. In May, 1926, he was appointed general sales manager and assistant secretary of the company and a member of the directorate. In 1927 he was named vice-president in charge of sales and in 1937 he was elected also secretary of the company.

He was a member of the Chemists' Club, this city and the Maplewood Country Club, Maplewood, N. J.

Surviving are, in addition to his son Douglas, his wife, his mother, a brother and three sisters.

Samuel H. Clark

Samuel H. Clark, president of Whittaker, Clark & Daniels, Inc., paint raw materials, this city, died November 14 at his home in Maplewood, N. J. He was sixty-two years of age.

Mr. Clark was president of Whittaker, Clark & Daniels, Inc., for twenty-five years and this year marked his forty-third year of service with the firm. A native of Newark, he began working for W. H. Whittaker Company following his graduation from high school. In 1916 he became the company's president and two years later the corporate name was changed to Whittaker, Clark & Daniels, Inc. Mr. Clark also was president of the Whittaker Micronizing Corporation, treasurer of the DeMola Color & Chemical Corporation and the Reduction Engineering Corporation and a director of the Fine Pigments Corporation.

Samuel H. Clark

Surviving are his wife, a daughter and a son, Clarence, vice-president of Whittaker, Clark & Daniels, Inc.

James M. Bush

James Mortimer Bush, chairman of the board of W. J. Bush & Co., Ltd., essential oils, London, president of W. J. Bush & Co., Inc., subidiary of the London house and also head of the company's subsidiaries in Canada, South Africa, and Australia, died in London on November 20. He was 79 years of age.

Mr. Bush received his university degrees from the leading universities on the Continent. The company was one of substantial size when he began his career with the Bush company in about 1880 and he served it continuously for sixty-one years. From the time he assumed its leadership, it continued to expand and eventually became world-wide in its operations and representation. He was an uncle of Richard Webb, now in charge of the New York subsidiary.

Fortune O. Kroll, jr., for thirty years with the Standard Oil Company of Louisiana, died recently in New Orleans. He was fifty-three years of age.

Malcolm W. Orr, plant manager for Charles Lenning & Co., manufacturing chemists, Philadelphia, died November 19 in Torresdale, Pa. He was forty-eight years of age.

Charles J. Perry, Wilmington, Southern district manager for E. I. Du Pont de Nemours & Co., for many years until his retirement one year ago, died November 16.

Edward Stipes, associated with the Libby Glass Company, Toledo, for forty years until his retirement four years ago, died November 15. He was seventy-eight years of age.

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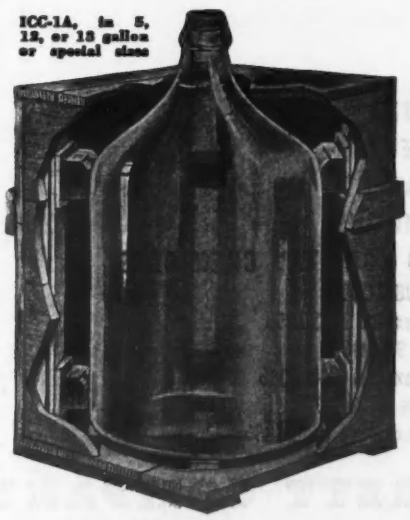

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Coaltar Chemicals

Captive Coal Strike Expected to Affect Steel Output Shortly —Large Exports of Phenol Going to Russia for Military Use —Maleic Acid, Anilin, Dimethylanilin and Xylidin Short

The strike in captive coal mines again provides a disturbing factor in the market for coaltar chemicals. While no immediate let down is anticipated in steel operations, if the strike should continue a decline would take place in a week or two. Seven leading steel companies are involved in the coal situation, and the supplies of coking coal in the plants are estimated to run about thirty days. Currently steel operations were scheduled at 97 percent of capacity.

Defense and civilian demand continued to exceed available supplies. A large number of priority orders made their appearance, but it was difficult to even obtain materials in short supply on priority in view of the large number of prevailing orders. In the case of phenol, allocation has been found necessary to relieve the situation, and much interest was attached to this development. A considerable amount of phenol is going to Russia for plastics for airplanes and for the manufacture of picric acid for use in making explosives.

All basic items were in active demand. Tar acids were in the shortest position. Some of the solvents, particularly toluol and xylol, were sold ahead; benzol position grew tighter. Supplies of creosote oil were well absorbed. Coaltar acids, including anthranilic, benzois, maleic, picric, salicylic and tobias were scarce. Anilin, anthroquinone, dimethylanilin, dinitrotoluene, monochlorobenzene, ortho cresol, phthalic anhydride and xylidin continued in heavy demand.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers complied from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.5	128.5	128.5	126.6

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Market position continued firm as shipments moved steadily in all directions.

Carbazole.—Regular consumers made steady withdrawals. Pricewise a firm tone predominated.

Coaltar.—A better than normal interest prevailed to keep market firm.

Creosote Oil.—A firm situation governed the market as available offerings were well taken.

Cresols.—Allocations will shortly direct shipments of various grades to consuming channels. Market short and prices firm.

Cresylic Acid.—Domestic acids in active demand with supplies limited. Supplies of imported remain small. A very firm price tone prevailed.

Naphthalene. — A broad demand characterized the market. No change occurred in the prices and tone held firm.

Phenol.—Active inquiry. Complete allocations of supplies now underway. Prices underwent no alteration.

Pitch, Coaltar.—Shipments moved at a steady pace. Prices retained their firmness.

Pyridine.—Buying held at good levels. A firm price tone governed the transactions.

Tar Acid Oils.—Supplies scarce, and allocations will shortly determine future shipments. Prices firm.

Toluol.—Defense taking nearly all material available. Prices unchanged and firm.

Xylol. — No improvement noted with output sold ahead against contracts.

Chicago.—Ruling prices exclusive of tax are:—Benzol, 90 percent, 14c. to 15c. per gallon; motor benzol, 8c. to 9c. per gallon; toluol, 27c. per gallon; 10-degree xylol, 26c. per gallon; solvent naphtha, 26c. per gallon; cresote oil, grade 1, 13½c. to 14c. per gallon.

Nitrobenzene

Myrbane oil or nitrobenzene is one of the basic raw materials in the processing of anilin oil and other organic compounds. Consequently, it has an important position in the defense program. As an intermediate in the manufacture of various dyestuffs, the material finds its broadest use. Some goes into the making of certain cosmetics and soaps.

Indirect defense requirements as well as heavier demand for civilian purposes have placed sellers under pressure in recent months to take care of all inquiries. Sellers were endeavoring to take care of regular consumers, and could not take on any new business. The latest production figures show 1940 output of 69,105,449 pounds, compared with 57,256,976 pounds in the preceding year.

An export license is required for nitrobenzene, and is one of the materials requiring an affadavit to destinations other than the British Empire. No export data is available.

A very stable price situation prevailed over a long period, quotations for tanks held at 7c. per pound; carlots, 8c. per pound and less carlots 9c. per pound.

Coaltar Acids

Anthranilic.—Output absorbed, and market position tight. Prices rule firm.

Benzoic.—Shipments moved steadily to regular channels, and prices lacked change.

Broenner's.—Usual consumers made moderate purchases. Prices held the same.

Cleve's.—Shipments moderately active, and prices underwent no alteration.

Fumeric.—Inquiries reached market steadily, and position was firm.

Gamma.—A good replacement demand was prevalent. Prices unchanged.

H.—Dealings of a strictly routine nature. Prices unchanged and firm.

Laurent's. — Interest continued steady. No change disclosed in the prices.

Maleic.—Demand active, and supplies limited. Prices were firm.

Malic.—Purchases moderately active. Pricewise a firm tone prevailed.

Picramic.—Consumers made steady commitments. No change developed in the prices.

Picric.—Defense requirements continued prime factor. Prices rule firm.

—*Continued on page* 37

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

Washington Talks It Over

—Continued from page 5

won its fight to keep FDA from officially designating a trademark as the common name. but the question of what is a common name is yet to be settled, and much litigation may be involved.

Suppose the A Drug Company markets a derivative under its registered trademark, "Habitol," and gains wide acceptance so that the public uses the name freely. The A company can claim it complies with the regulation because "Habitol" is the common or usual name and appears on the label.

Then the B Drug Company gets out the same product. If it puts "Habitol" on the label it will be sued for trademark infringement and the A company will have to prove to the court that "Habitol" is a common name for purposes of the food, drug, and cosmetic act, but not under the trademark laws, which might be a difficult thing. Of course the B company could invent a new name and popularize it, but FDA wouldn't let the new name be used on a label until it had become the common or usual name; which would be pretty difficult to accomplish, but if it succeeded in displacing "Habitol" with the public, then the A company would have to drop "Habitol" as the common name and the situation would be reversed.

The A company could avoid this difficulty by coining two names and using both on the label, such as "Habitol brand of Sleeperene," and then dedicate "Sleeperene" to the general public and try to have it become the common or usual name. The B company could then use "Sleeperene" and comply with the F-D-C law. But if the A company did a good job of popularizing "Sleeperene" the public might forget all about the trademark, "Habitol"; while if A company fails to make "Sleeperene" click, the word "Habitol" becomes the common or usual name and it's all back at the beginning.

Drug companies think they have won a victory and their trademark monopoly rights are still secure, but their lawyers and advertising managers may have to prove it in court some day.

Sweetpotatoes Gum Stamps

Lack of shipping space on the Pacific is proving a boon to the young sweetpotato starch industry fostered by the Department of Agriculture in recent years. Until now the government has been allotting shipping space to tapioca, not for puddings as some critics have supposed, but for muscilage. Now this space will be used for rubber, tin, or other more essential commodities, and domestic stickums will have to be substituted.

As a first step the Post Office Department is switching from tapioca to sweetpotato starch for gumming stamps, and will use around a million pounds a year. Present capacity for producing sweetpotato starch is about 4,000,000 pounds a year, but a new plant in Florida with a capacity of 40,000,000 pounds should be ready for next Fall's sweetpotato crop, and this should be sufficient for gumming envelopes.

Cornstarch may also be substituted for tapioca for certain uses, such as foundry core binders.

Dietary Food Rules Near

The long-awaited FDA regulation on labeling dietary foods at last is due for early promulgation, having been mulled over by both nutrition experts and attorneys for many months. While coming under the food section of the food, drug, and cosmetic act, this regulation directly affects manufacturers of drug products having special dietary uses or claiming to supply dietary deficiencies.

Bruning Brothers, Inc., paint manufacturer, Baltimore, plans to erect a plant on a new site.

Tax Amortization Deadline November 29

The War Department today warned that unless defense manufacturers send their applications for amortization certificates to the department by November 29 they will be unable to avail themselves of the new filing date provided in the amendment to the tax amortization bill which President Roosevelt recently signed.

The amendment gives a grace period for manufacturers who were late in filing their applications. They are now permitted to file before December 1. This means that applications must be received by the War Department before that date.

OPA Appoints Six To Price Review Posts

Six appointments to the division of accounting, analysis and review of the Office of Price Administration have been announced. Alphonse V. Bruder, formerly project accountant for the Public Buildings Administration of the Federal Works Agency, was named to the consumers durable goods section. Paul D. Hammacher, formerly technical consultant to the U. S. processing tax board of review of the Treasury Department, was designated chief of the industrial machinery section. Percey L. Hanson was named to the lumber and building materials section. Paul M. Green, on leave from the University of Illinois, where he is director of the corporation finance division, was appointed as policy assistant. L. Donald MacKay was appointed to the fuel section.

Buffalo Paint Club Discusses Resins

The November meeting of the Buffalo Paint, Varnish and Lacquer Association highlighted a talk on "Synthetic Rubber" by Michael Berman, technical superintendent of Hewitt Rubber Company, and showing of a sound film on "The Story of Neoprene."

Coaltar Chemicals

Coaltar Acids

—Continued from page 36

Salicylic.—Sellers accepting no new business. Prices were the same.

Sulphanilic.—Demand more than sufficient to take available supplies. Prices lacked change.

Tobias.—Business moved at a brisk pace. Prices held at previous levels.

Other Intermediates

Alphanaphthol. — Business underwent no slackening, and market position was firm.

Anilin.—Defense and civilian requirements exceed available supplies. Prices firm.

Anthraquinone.—Market tight, demand active. Prices without change.

Benzaldehyde. — Technical grades well taken to keep market in strong position.

Benzidine Base.—Shipments steady against contracts. Prices rule firm.

Betanaphthol.—Inquiries and shipments active. Prices display firmness.

Diethylanilin.—Withdrawals moderately active. No change in the prices.

Dimethylanilin.—Market continued tight, while inquiries were brisk. Prices at same levels.

Dinitrobenzene.—Firm price tone characterized the dealings, while demand was active.

Dinitrophenol.—A good interest prevailed, and sellers usually limited business to regular channels.

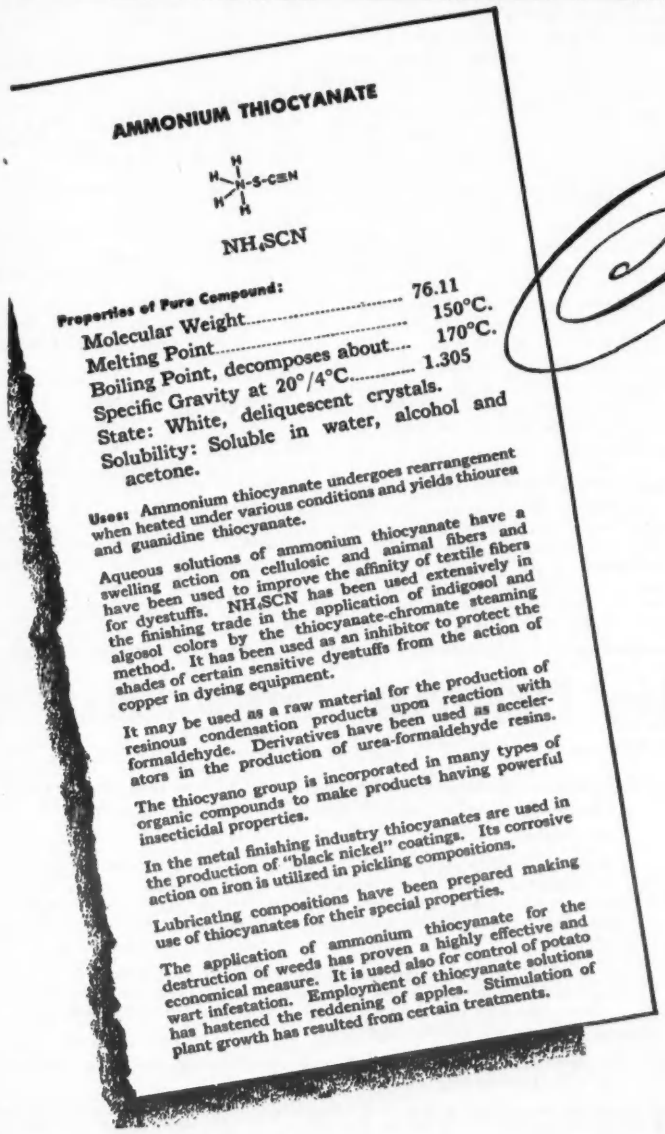
Dinitrotoluene.—Situation remained tight. No change occurred in the quotations.

Diphenyl. — Withdrawals active. Prices remain at previous levels.

G. Salt.—Routine dealings continued. Prices failed to change.

Metanitroparatoluidin. — Market position tight, business usually restricted. Prices firm.

Monochlorobenzene. — Sellers pressed to take care of all inquiries. Prices remain firm.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NH4SCN
Properties of Pure Compound:
Molecular Weight 76.11
Melting Point 150°C.
Boiling Point, decomposes about 170°C.
Specific Gravity at 20°/4°C 1.305
State: White, deliquescent crystals.
Solubility: Soluble in water, alcohol and acetone.
Uses: Ammonium thiocyanate undergoes rearrangement when heated under various conditions and yields thiourea and guanidine thiocyanate.
Aqueous solutions of ammonium thiocyanate have a swelling action on cellulosic and animal fibers and have been used to improve the affinity of textile fibers for dyestuffs. NH4SCN has been used extensively in the finishing trade in the application of indigosol and algosol colors by the thiocyanate-chromate steaming method. It has been used as an inhibitor to protect the shades of certain sensitive dyestuffs from the action of copper in dyeing equipment.
It may be used as a raw material for the production of resinous condensation products upon reaction with formaldehyde. Derivatives have been used as accelerators in the production of urea-formaldehyde resins.
The thiocyano group is incorporated in many types of organic compounds to make products having powerful insecticidal properties.
In the metal finishing industry thiocyanates are used in the production of "black nickel" coatings. Its corrosive action on iron is utilized in pickling compositions.
Lubricating compositions have been prepared making use of thiocyanates for their special properties.
The application of ammonium thiocyanate for the destruction of weeds has proven a highly effective and economical measure. It is used also for control of potato wart infestation. Employment of thiocyanate solutions has hastened the reddening of apples. Stimulation of plant growth has resulted from certain treatments.

Can you use

Ammonium Thiocyanate

(Ammonium Sulfocyanide)

at substantially lower cost?

Koppers has placed in operation a large commercial plant for the production of ammonium thiocyanate crystals. Supplies are now available in quantities not obtainable before and at costs which make ammonium thiocyanate practical for purposes for which it has not been used in the past.

Chemists and Manufacturers who have previously investigated the possibilities of Ammonium Thiocyanate should reconsider its use in view of this increased supply and reduced cost.

Koppers Ammonium Thiocyanate can be supplied in crystal form, having minimum purity of 95%.

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TAR AND CHEMICAL DIVISION
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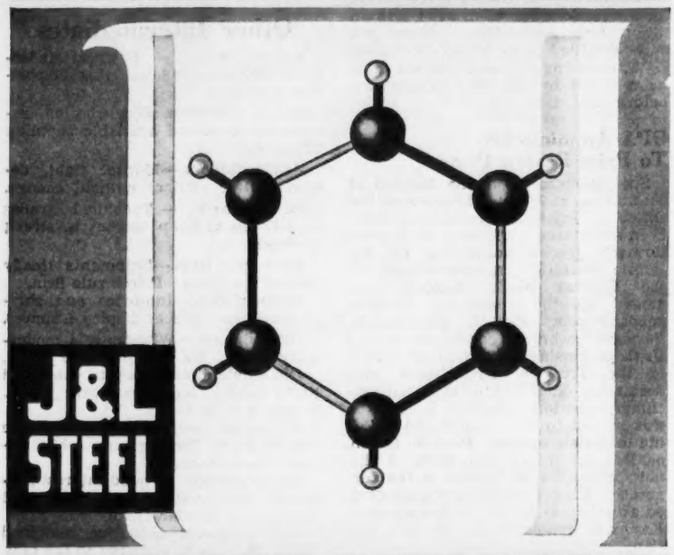

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BRANCH OFFICES IN ALL PRINCIPAL CITIES
Shipping Points: Cleveland, Ohio • Warren, Ohio • Youngstown, Ohio
Canton, Ohio • Massillon, Ohio • Gadsden, Alabama • Birmingham, Alabama

Orthoanisidin. — Shipments moved at a good pace against contracts.

Orthochloroanilin. — Raw material supplies reflect in limited output. Prices were firm.

Orthochlorophenol. — Demand gave no evidence of slackening. Prices remain the same.

Orthocresol. — Business allocated. Prices unchanged and tone very firm.

Orthodichlorobenzene. — Shipments moved against contracts actively. Prices rule firm.

Orthonitroanilin. — Active inquiry. No change disclosed in the prices.

Orthonitrotoluene.—Market position underwent no improvement as supplies were limited and demand active. Prices firm.

Paranitroanilin.—Selling confined to regular channels for normal needs.

Paranitrophenol. — Limited supplies and brisk demand kept market in firm position.

Paranitrotoluene. — Available supplies well absorbed. Prices were firm.

Phthalic Anhydride.—Defense needs taking substantial quantities and civilian requirements were allocated. Prices unchanged and firm.

R. Salt. — Transactions routine. Prices held at previous levels.

Thiocarbanilide.—Shipments moved steadily and market tone firm.

Xylidin.—Tight situation remained in evidence. Prices held firm.

Coaltar Colors

A brisk buying movement continued to prevail in the market for coaltar colors last week. A tight situation was evident in a number of materials as the supplies of basic raw materials find broader use in the defense program. Sellers were able to take care of most inquiries for domestic purposes, but hesitated to book all export orders at this time. Prices held at previously established levels and the general tone remained firm.

At present there is a good demand in the Netherlands Indies for dyes and colors since the European war has eliminated practically all European suppliers. In addition to regular demand there is a growing, war-stimulated demand for dyes and colors in local textile and paint manufacturing enterprises, two industries that, according to government sources are essential not only to the economic welfare of the country, but also to the Netherlands Indies war effort.

Resale Market

There was no improvement in the supply situation in the resale market for coaltar chemicals last week. Phenol continued difficult to obtain and bids ranged anywhere from 40c. to 45c. per pound. Phthalic anhydride ranged from 45c. to 60c. per pound. Imported cresylic, $1.65 to $1.85 per gallon; Naphthalene flake, 14c. per pound; benzoic acid, $1.05 to $1.08 per pound and paradichlorobenzene 14c. per pound.

Steel Barrel Output Up

Production of heavy-type steel barrels and drums in September totaled 1,712,681, against 1,589,848 in August and 1,305,497 in September, 1940, according to statistics released by the Bureau of Census. Shipments in September totaled 1,710,503, compared with 1,600,156 in August and 1,298,318 in September, last year. Stocks at the end of September were 39,622. Output of light types was 335,336, against 363,622 in August and 223,194 in September, 1940. Shipments were 332,678, 368,616 and 226,642, respectively, while stocks at the end of September totaled 30,284.

Chemical Plants Expansion Approved

The National Defense Advisory Commission has approved since October 15 the following certificates of necessity for construction and acquisition of new manufacturing facilities:—

Chemicals:—The Barrett Company, Philadelphia, Pa.; $43,150.

Cryolite:—Aluminum Ore Company, aluminum and fluorides and cryolite; East St. Louis, Ill., $715,500; Mobile, Ala., 165,000.

Dried Egg:—Henderson Egg Corporation, Monroe City, Mo.; $68,135.

Dried Eggs:—Henningsen Brothers, Seymore, Ind.; $185,000.

Dried Eggs:—Omaha Cold Storage, Omaha, Neb.; $102,000.

Fat Processing:—Monsanto Chemical Company, Norfolk, Va.; $138,000.

Soybean Protein:—Drackett Company, Cincinnati; $700,000.

Applications for Certification

The following applications have been received for certificates of necessity, certificates of government protection, certificates of non-reimbursement:—

Blockson Chemical Company, Joliet, Ill.—$300,000 (necessity); $183,632 (necessity).

Dow Chemical Company, Midland, Mich.—$114,000 (necessity); $3,000 (necessity); $23,300 (necessity).

E. I. du Pont de Nemours & Co., Wilmington, Del.—$215,200 (necessity); Deepwater Point, N. J.—$253,000 (necessity).

International Flare Signal Division, Tipp City, Ohio.—$16,097 (necessity).

Charles Lennig & Co., Philadelphia — $49,725 (necessity).

Linde Air Products Company, New York—(non-reimbursement.)

Monsanto Chemical Company, St. Louis—$300,000 (necessity); $230,000 (necessity); $35,000 (necessity).

National Carbon Company, New York —(Non-reimbursement.)

New Jersey Zinc Company, New York —(Non-reimbursement.)

Phillips Petroleum Company, Bartlesville, Okla.—$493,338 (necessity), Borger City, Tex., $412,296 (necessity), Oklahoma City.

Resinous Products & Chemical Company, Philadelphia—$77,200 (necessity).

Solvay Process Company, Syracuse, N. Y.—$25,270 (necessity), Solvay, N. Y.

Standard Oil Company, Cleveland—(Non-reimbursement); $400,000 (necessity).

Texas Company, Los Angeles—$12,903 (necessity), El Monte, Calif.; $8,490 (necessity), Signal Hall; $48,205 (necessity), Santa Fe Springs, Calif.

Salt Freights Revised

The New York Public Service Commission has approved an amendment to the commodity freight rate tariff of the New York Central railroad on salt, carload, from Syracuse and Solvay, and from Retsof on Genesee and Wyoming, to points in trunk line and New England territories. Numerous changes in commodity descriptions and package specifications effecting reductions. Effective December 3.

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This is the first time in history that highly refined tar acids of this type have been made available on a large scale, and remarkably good results are being obtained by our many American buyers.

Please send us a note of your requirements with full particulars to our Sales Agents:—

TAR RESIDUALS, LTD., "Garthlands," Reigate Heath, SURREY, ENGLAND

Dyestuffs, Textile and Leather Chemicals

Record Production in Consuming Lines Keeps Business Brisk —Tapioca Flour Offerings More Plentiful and Prices Lower —Defense and Civilian Buying of Corn Derivatives Steady

Business moved at a fairly brisk pace in the market for dyestuffs, textile and leather chemicals last week. A slight letdown was discernible in some divisions of the market. Operations in basic consuming lines remained at high levels; shoe production in October reached record levels, while new records for consumption of raw wool were established. Prices held at the levels established in recent weeks with the exception of tapioca flour, which eased slightly.

Many consumers are again using tapioca flour since shipments from primary centers have been quite steady recently. Earlier in the year, when shipments from Java were restricted by shipping space, use of other substitutes was urged. Some supplies of Brazilian and Cuban material entered the market, but the return of the Javan material has largely displaced the lower grade tapioca flour.

Corn derivatives displayed a firm price tone. Bookings for civilian and government use continued steady. The corn grind for October totaled 9,255,941 bushels, compared with 8,719,970 bushels in September and 7,109,685 bushels in October a year ago, according to the Corn Industries Research Foundation.

Price Changes

Advanced

None

Reduced

Tapioca flour, ¼c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
248.6	248.6	245.7	153.7

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate. — Demand sufficient to absorb available offerings. Prices held firm.

Alumina Chloride.—Buying brisk. Prices without alteration.

Ammonia Bichromate. — Business routine. Prices without change.

Antimony Salts.—Supplies limited. Prices remain firm.

Chrome Acetate. — Situation tight. Prices unchanged and firm.

Potash Bichromate.—Sellers writing contracts for 1942 at firm levels. Buying steady against contracts.

Potash Prussiate. — Offerings restricted to regular trade. Prices lack change.

Soda Bichromate.—Contract writing for next year well underway. Shipments steady to regular consumers.

Soda Prussiate.—A good demand prevailed to keep market in firm position. Sellers writing contracts for next year at current levels.

Zinc Dust.—Business restricted to regular channels for normal needs. Prices firm at ceiling levels.

Osage Orange

Osage orange also referred to as Bois D' Arc is a domestic tannin material playing a more important part in the leather industry because of the difficulty in securing certain imported materials. Most of the material comes from the swamp lands of Texas and Oklahoma. The supplies have tightened recently because of heavy rains and the shortage of labor in these areas.

The material, high in tannin content, has proved a suitable substitute for imported fustic. It could also replace certain grades of synthetic anilin yellow. The application of osage orange reduces the amount of Quebracho and Chestnut extracts used. The leather industry is by far the largest consumer, while some is used in the cotton industry. It is estimated that current production in this country totals approximately 1,000 tons per year.

Prices advanced since the start of the war. Quotations for the crystals are 23c. per pound; liquid No. 1 and No. 2, 11c. and 10c. per pound, respectively. This compares with 19c. per pound for the crystals; 8c. per pound for No. 1 and 9c. per pound for No. 2 liquid extracts at the beginning of hostilities in 1939.

Dyestuffs

Annatto.—A routine interest prevailed. Prices steady to firm.

Cochineal. — Purchases light. No change disclosed in the prices.

Fustic.—Shipments steady against contracts. Prices rule firm.

Hypernic.—Withdrawals moderately active. No change in the prices.

Indigo.—Market quiet. Pricewise a firm tone prevailed.

Logwood.—Interest remained steady and market position held firm.

Turmeric.—Spot offerings sufficient to take care of the demand. Prices unchanged.

Sizing Materials

Albumen, Blood.—Demand exceeds offerings. Prices unchanged and firm.

Albumen, Egg.—Moderate inquiry. Domestic and imported quotations unchanged.

Corn Sugar.—Bookings fairly steady. Prices underwent no alteration.

Dextrin, Corn.—A good replacement interest prevailed to keep market firm.

Dextrin, Potato.—Firm price tone characterized market, while shipments remained steady.

Egg Yolk.—No further price adjustments took place. Buying moderate.

Sago Flour.—Prices held the same, while supplies were sufficient to meet all inquiries.

Starch, Corn. — Demand steady. Prices held at previously established levels.

Starch, Rice.—Consumers entered market replacements steadily. No change in the quotations.

Starch, Wheat.—Withdrawals moderately active. Prices unaltered.

Tapioca Flour.—Prices easier, ranging from 3¾c. to 6½c. per pound, depending on quantity and quality. Supplies more plentiful.

Tanning Materials

Chestnut Bark.—Steady movement to contract consumers. Prices firm.

Cutch.—Offerings usually limited to regular trade. Prices unchanged.

Divi-Divi.—Inquiries fairly steady, and prices lacked any change.

Gambier.—Market practically bare of spot supplies, with possible exception of Singapore cubes. Prices nominal.

Hemlock. — Good interest. Prices held unchanged and tone firm.

Mangrove Bark. — Commitments moderately active. Prices without change.

Nutgalls.—Spot offerings of Chinese small; no supplies of Alleppo.

Oakbark. — Active inquiry, shipments steady against contracts. Prices rule firm.

Quebracho. — Demand brisk. No change disclosed in the prices.

Quercitron.—Usual consumers made steady replacements to keep market firm.

Spruce Extract.—Situation remains tight. Demand active. Prices firm.

Wattle Bark.—Interest steady. Prices held at previous levels.

Resale Markets

The situation underwent comparatively little change in the resale market for dyestuffs, textile and leather chemicals last week. The few items offered were in limited quantities, and price range broadened somewhat. Soda bichromate ranged from 22c. to 24c. per pound; potash bichromate, 23c. to 26c. per pound; potash prussiate, yellow, 33c. to 45c. per pound and soda prussiate 16c. to 30c. per pound.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

Pillsbury Names Holland Research Adviser

Maurice Holland, for the past eighteen years director of the division of engineering and industrial research for the National Research Council, has been named research adviser to the Pillsbury Flour Mills Company. Earlier this year Mr. Holland directed a study tour on industrial research in Latin America, and in 1938 organized the Industrial Research Institute, a cooperative group of executives of companies operating industrial laboratories.

U.S. to Erect High Explosives Plant in Newport, Ind.

A plant for the manufacture of high explosives will be erected by the United States government on 18,000 acres in Newport, Ind., the War Department announced today. The plant will be known as the Wabash River Ordnance Works.

OPM Purchase Div. Names Drew Hides Research Chief

Edward L. Drew has been named chief of research on hides and leathers in the Division of Purchases of the Office of Production Management. Mr. Drew was long head statistician for the Tanners Council of America.

L. E. Pitner has resigned from the Agicide Laboratories, Inc., insecticides, Milwaukee, Wis., and is no longer connected with the company in any capacity.

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The strong skeleton of Mica flakes in the film takes up the strains from heat and cold in much the same way as reinforcing iron in concrete. The colorless, invisible Mica flakes have a tendency to lie parallel with the surface . . . in a laminated distribution . . . providing more flexibility.

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— the answer to your problems wherever moisture with resulting lumping or caking is a factor in transit or storage. Fulton Waterproof Bags with the special Diastretch lining are stepping up efficiency and effecting real savings for large users all over the country. Save money—replace more expensive containers with Fulton Waterproof Paper Lined Bags for shipping, storing chemicals, pigments and any products that require sift-proof and moisture-proof containers. Write, wire or 'phone your order today. *Quick shipments from Atlanta, Georgia and St. Louis, Missouri.*

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Paint, Varnish, Lacquer Materials

Holiday Interlude Fails to Slow Shipments of Raw Paint Materials —Barytes Spot Price Advanced by One Producer—Domestic and Imported Casein Up — Rosin Stronger

The holiday interlude in most States failed to influence trade in paint materials last week. Demand for practically every product was well maintained, and the tonnage shipped in the week was as heavy as in previous periods. Sole factor tending to interfere with movement of paint products was growing shortages in many of the products.

One prominent producer of barytes announced a sharp advance in the spot price. Other suppliers maintained previous quotations, but were not seeking spot trade. Domestic and Argentine casein both recorded advances. Exports of casein from the Argentine to the United States during the first nine months of the year were valued at $2,850,000, according to the Department of Commerce.

The situation in pigments and dry colors was little changed. Demand was heavy and offerings for the most part were limited. Many synthetic resins have virtually disappeared from the market and a growing scarcity is reported in others. Rosin and turpentine were fairly active in Southern and local markets, with the prevailing tone firm. Sales of all grades of rosin were reported at higher prices. Sentiment in trade circles was strengthened by predictions that efforts to secure higher government loan rates to producers would prove successful. A further shrinkage was reported in stocks in primary markets, where receipts were smaller.

Metallic Lead and Zinc

Consumers of pig lead last week were nearly 100 percent covered on their November needs and about 30 percent on December. Inquiry was active during the week. Price was steady and unchanged. Slab zinc movement continued to be restricted by short supplies. Although demand was well maintained, sales were allocated strictly.

Lead. — Prevailing spot prices at New York, St. Louis and London for the period from November 15 to November 21, inclusive, were as follows:—

	Pigs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£ s.	d.
Saturday	$0.0685@.0590	$0.0570	.. * ..	..
Monday	.0585@.0590	.0570	.. ..	..
Tuesday	.0585@.0590	.0570	.. ..	..
Wedn'sd'y.	.0585@.0590	.0570	.. ..	..
Thursday	.0585@.0590	.0570	.. ..	..
Friday	.0585@.0590	.0570	.. ..	..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from November 15 to November 21, inclusive, were as follows:—

	Slabs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£ s.	d.
Saturday	$0.0865	$0.0825	.. * ..	..
Monday	.0865	.0825	.. ..	..
Tuesday	.0865	.0825	.. ..	..
Wednesday	.0865	.0825	.. ..	..
Thursday	.0865	.0825	.. ..	..
Friday	.0865	.0825	.. ..	..

* London exchange closed.

Pigments

Antimony White.—Good call. Price steady.

Glues

The Department of Commerce last week reported that 1939 production of animal glues totaled 101,092,117 pounds. This compares with the 1937 output of 121,126,566 pounds. The 1939 total was made up of 63,983,949 pounds of hide glue and 37,108,168 pounds of bone glue. The 1937 figures were 73,630,854 pounds of hide and 47,495,723 pounds of bone. Exports of glue of animal origin totaled 1,429,343 pounds in 1940, compared with 1,121,403 pounds in 1937. Preliminary reports to the Department of Commerce indicate that the 1940 export total will be about 1,458,609 pounds.

Price Changes

Advanced

Casein, dom., 1c. per lb.
imp., Argentine, 3½c. per lb.
Rosin, gum, 11c. to 16c. per 100 lbs.

Reduced

Turpentine, gum, 3½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
137.9	137.9	137.9	126.8

Market news that may have developed after this report was sent to press will be found on page 4.

Blue Lead.—Fairly large movement. Tone stable.

Flake White.—Market unchanged. Price steady.

Litharge.—Heavy demand. Movement large. Offerings normal. Price steady.

Lithopone.—Conditions unchanged. Sales allocated. Few spot offerings. Prices firm.

Red Lead.—Better than normal call reported. Inquiries active. Prices steady.

Titanium Pigments.—Heavy demand. Offerings curtailed. Stocks low. Prices steady.

White Lead.—Good movement. Prices firm.

Zinc Oxides.—Sales strictly allocated. Prices firm.

Fillers and Extenders

Asbestos.—Deliveries well maintained at previous levels. Prices steady.

Asphaltum.—Good call. Prices steady.

Barytes.—One producer of domestic water-floated material advanced the spot price $2.50 per ton. Demand good.

Blanc Fixe.—Movement fair. Supplies short. Prices steady.

Charcoal. — Satisfactory demand. Quotations unaltered.

China Clay.—Call sustained. Good movement. Prices steady.

Diatomaceous Earth.—All grades attracting fairly good buying interest. Prices firm.

Fullers Earth.—Good call reported. Prices steady.

Graphite.—Demand, offerings and prices at previous levels.

Gypsum.—No new developments. Prices steady. Demand fair.

Mica.—Large call. Market tight. Prices firm.

Rottenstone.—Fair demand. Quotations firm.

Talc.—Movement large. No change in prices.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

EXCELLENT MISCIBILITY WITH OILS & VARNISHES
LIGHT IN COLOR (IDEAL FOR WHITES)
EASY BRUSHING & GOOD LEVELING
VERY GOOD GLOSS & COLOR RETENTION
ENTIRELY SOLUBLE IN MINERAL SPIRITS & COAL-TAR SOLVENTS
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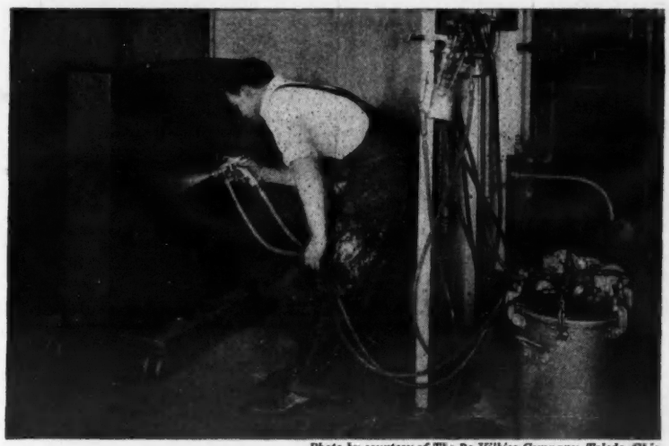

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1 U.S.I. Amyl Acetate improves blending, flow, gloss, and film toughness in nitrocellulose lacquers, and increases blush resistance.

2 It is available in Commercial, High Test, and Technical grades, offering ready adaptability to a wide range of formulating problems.

3 It is made from U.S.I.'s own supply of fusel oil, under controlled production methods that assure its uniformly high quality.

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Continuous large-scale production results in uniformly high quality products
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☐ SOLOX

SOLVENTS & CHEMICALS
USI
FOR LACQUER, SHELLAC, PAINT AND VARNISH

Whiting.—Satisfactory call. Tone stable.

Woodflour.—Movement of domestic material at good level. No Norwegian product available.

Driers

Movement of palmitates and stearates was good last week, although demand far outstripped available supply. Contract customers were acquiring fairly large amounts but there were few spot offerings. Prices were firm and unrevised.

Lacquer Materials

Defense buying continued to absorb a good portion of available offerings in the market for lacquer materials and solvents last week. In many materials a scarcity was created, and sellers were forced to allocate supplies among regular civilian consumers. Prices underwent no revisions, and a firm tone governed all dealings.

Acetone supplies were limited and demands continued very heavy. It was more difficult than ever to obtain any sizable quantities of butyl alcohol; the situation in butyl acetate was not quite as tight. Dibutyl phthalate moved to defense channels almost entirely. Offerings of ethyleneglycol were restricted. Supplies of methylethyl ketone were scarce and the same held true for tricresyl phosphate.

Acetone.—Demand heavy and supplies limited. Prices underwent no change, with tone firm.

Butyl Acetate.—Shipments moved actively. A firm price tone governed the dealings.

Butyl Alcohol. — Market position short. No change disclosed in the prices.

Cellulose Acetate. — Buying steady. Prices in line with those prevailing previously.

Dibutyl Phthalate. — Defense needs continued to absorb most of the available supplies. Prices held firm.

Ethyl Acetate. — Market firm and prices without change. No slackening occurred in the demand.

Ethyleneglycol. — An active inquiry prevailed, with offerings restricted. Prices lacked change and tone was firm.

Methylethyl Ketone.—Supplies continued scarce, as demands exceeded available offerings. Prices were firm.

Isopropyl Acetate.—Defense and civilian demands heavy. Sellers under pressure to take care of all inquiries. Prices display firmness.

Tricresyl Phosphate. — Material scarce as defense needs take considerable part of output. Business usually allocated among regular civilian consumers. Prices rule firm.

Triphenyl Phosphate. — An active demand continued to characterize the market. Situation remains tight. Prices without change and firm.

Naval Stores

A generally firm tone prevailed in Southern and local markets for naval stores last week. Buying of rosin was stimulated to some extent by expectations of an increase in loan rates to producers next season. Representatives of the industry were in conference with government officials at Washington in regard to the loan and predictions were heard that rates would show a substantial increase over the current season. Daily offerings of rosin and turpentine were light in the South where the movement continued to show the shrinkage usually witnessed at this period.

As to the outlook for production next season it was pointed out that an increase in loan values would probably be followed by revised plans for production and a larger output than now seems probable though it was contended by some that the labor situation is such as to prevent any important expansion in production.

Meantime the statistical position of rosin and turpentine continues to grow stronger. Stocks of turpentine are now down to small proportions everywhere and supplies of rosin are decreasing at a much faster pace than had been expected. Stocks under the control of the government have fallen off sharply in recent weeks and the holdings among dealers and producers are also steadily dwindling, with the indications, in the opinion of some, pointing to a considerably greater decrease during the remainder of the current season than was witnessed in the same time last season.

CCC Holdings

The following table shows the quantity of rosin and turpentine held by the CCC under loans to producers at the close of business November 15, 1941:—

Crop year.	Rosin.	Turpentine casks.
1938—bbls.	234,488	.....
drums	.....	.....
1939—bbls.	236,221	.....
drums	20	.....
1940—bbls.	80,287	.....
drums	245,570	.....
1941—bbls.	.....	.....
drums	129,398	.....
Totals	925,984	.....

Turpentine.—No broadening of trade was noted in the local market but a fairly active request was reported for small or moderate quantities for prompt shipment. In the South offerings were light and firmness there was reflected here.

Savannah, Nov. 21.—Following is a record of the turpentine market for the week:—

	Gallons—Cents.	Gallons—Sales.	Barrels—Receipts.	Barrels—Shipments.	Barrels—On hand.
Saturday*	..	...	...	...	...
Monday	72½	4,700	133	156	8,356
Tuesday	72½	...	222	54	8,524
Wednesday	68	9,800	154	...	8,678
Thursday*	..	...	...	...	...
Friday	69	18,400	109	116	3,671

* No trading.

Jacksonville, Nov. 19. — Turpentine stock 5,951 barrels.

Pensacola, Nov. 15.—Turpentine stock 7,961 barrels.

Chicago—Nov. 21

Buying of turpentine has held up in good volume. Ruling prices at the close of business last night were:—Five-drum lots, 84c. per gallon; five wood barrels, 89c.; single drums, 87c.; single barrels, 92c.

London, Nov. 21.—Turpentine, 68s. 6d. per cwt.

Rosin. — The market here had a firmer tone, influenced by the course of quotations in the South, where daily offerings were rather light. Purchasing here was generally limited to comparatively small lots for prompt shipment, the movement of such quantities in some cases being reported as larger than in the previous week.

Savannah, Nov. 21.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted—*Sat.	Mon.	Tues.	Wed.	*Thurs.	Fri.
B	...	$2.56	$2.56	$2.67	...	$2.72
D	...	2.62	2.66	2.72	...	2.77
E	...	2.62	2.67	2.75	...	2.80
F	...	2.62	2.66	2.72	...	2.79
G	...	2.62	2.66	2.71	...	2.78
H	...	2.62	2.66	2.71	...	2.78
I	...	2.62	2.66	2.71	...	2.78
K	...	2.63	2.69	2.73	...	2.80
M	...	2.70	2.73	2.77	...	2.82
N	...	2.76	2.80	2.83	...	2.90
WG	...	2.88	2.97	3.01	...	3.11
WW	...	3.00	3.06	3.07	...	3.11
X	...	3.00	3.06	3.07	...	3.11
	Barrels					
Sales	...	390	547	708	...	705
Receipts	...	462	1,114	444	...	753
Shipmts	...	500	7,903	...	...	2,603
Stocks	...	...	...	...	...	54,134

* No trading.

Jacksonville, Nov. 19.—Rosin stock 249,983 barrels.

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ZINC IN DEFENSE-
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Cantonments
Combat Cars
Guns
Industrial Plants
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Pontoon Bridges
Scout Cars
Shells
Troop Carriers—
And In Many Other Ways
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THE ELEMENTS ARE ALSO DESTRUCTIVE!
The primary requirement of many defense items is the ability to withstand the destructive forces of war. But there are other forms of attack to be reckoned with as well—rust, chemical corrosion, and the destructive forces of the elements on land and sea. The answer to these problems is paint. Uncle Sam is faced with the biggest painting job in the history of the country—a job in which zinc pigments are playing a vital part.
No man can estimate the amount of zinc pigments needed to complete this job, but the final figure will be a staggering one. The camouflage painting, shown above, is only a small part of the story. Everything from shells to ships, from cannon to cantonments has already been covered by hundreds of exacting Government paint specifications—requiring quantities of zinc sulfide, zinc oxide, lithopone, zinc dust and zinc chromate.
Listed above are typical uses for paint coatings in defense. Zinc pigments are doing the same job in these defense paints as they have been doing in the paint industry year in and year out—protecting property and improving sanitation, too, when that is a factor. It is the increased demand for each of the zinc consuming products required in the Defense Program which is making it difficult for non-defense users to obtain all of the zinc they would like to use. This is part of the price that must be paid for national security.
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Pensacola, Nov. 15.—Rosin stock 16,944 barrels.

Chicago—Nov. 21

The rosin market continues active and firm. Ruling prices at the close of business last night in five-drum lots were:—B grade, $3.78 per 100 pounds net; G grade, $3.79; M grade, $3.90; W. W. grade, $4.21.

London, Nov. 21.—Rosin, W.W., 33s. per cwt.

Other Naval Stores

Pine Oil.—Output moving steadily on contracts. Market firm. Resale oil scarce and nominal.

Pitch.—Trade continued good. Tone firm.

Rosin Oil.—Increased request for moderate lots. Market firm.

Tar.—Business active. Prices maintained.

Dry Colors

Alkali Blue Toner.—Demand heavy. Prices firm.

Bone Blacks. — Movement large. Inquiries active. Quotations stable.

Carbon Blacks.—Demand was good and shipments were well maintained. Report inquiries were active. Prices firm.

Carmine No. 40.—Good call reported. Price unchanged.

Chrome Colors.—Shipments sluggish due to short supplies. Production hampered by lack of metal.

Cadmium Colors. — Similar to chromes, shortage of raw material was causing extreme tightness in the market for these colors. Prices were firm and unrevised.

Iron Blues. — Good call. Prices firm.

Iron Oxides. — Demand large. Shipments heavy. Prices firm.

Lithol Toner.—Inquiries sustained at previous levels. No changes in price.

Mercuric Oxides. — Demand satisfactory. Prices unchanged.

Ultramarine Blue.—Movement narrow in spot market. Contract deliveries heavy. Prices steady.

Vermilion.—Demand continued to improve. Price firm.

Shellac

Reports concerning business in shellac during the week showed that trade was rather spotty. New orders did not provide a substantial volume of business and they varied in number from day to day. However, the market here and in Calcutta retained substantial steadiness and values were well maintained throughout the period. Stocks of shellac in this country were reported to be fair, and danger of a real shortage was not considered likely. Consumer needs can be met on a fairly prompt basis. Deliveries against existing contracts were being taken in reasonably satisfactory fashion.

Synthetic Resins

Tightness remained the outstanding feature of the market for these materials. Supplies of many resins were virtually depleted. Ester gum movement was slower due to dwindling stocks. Prices were steady and unrevised.

Varnish Gums

Firmness was reported in market for natural resins last week. Conditions were unchanged both here and at primary centers. Supplies in this country were believed adequate for normal needs. Prices were firm.

Glues and Binders

Casein.—Argentine casein was advanced 3½c. per pound last week due, primarily, to curtailment of shipments. New quotations were 26c. to 27c. per pound, c.i.f., with material scarce. The domestic product was advanced 1c. per pound to 30c.

Glues.—Market tight, with demand running far ahead of available supply. Prices firm.

Resale Market

A fairly active tone was reported in the resale market last week. Offerings were made at the following levels:—Blanc fixe, 7c. per pound, f.a.s. New York; acetone, 20c. to 25c. per pound; butyl acetate, 24c. to 30c. per pound; dibutyl phthalate, 50c. to 75c. per pound; ethyleneglycol, 26c. to 40c. per pound, and tricresyl phosphate, 70c. to 90c. per pound.

Paint Priorities Clinic Participants Names Asked

OPD Washington Bureau
November 19, 1941

In view of the tightness of hotel accommodations, members of the paint, varnish and lacquer industry who plan to attend the 'Paint Priorities Clinic' in the auditorium of the Chamber of Commerce of the United States, December 2 and 3, are urged by Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, to make their hotel reservations immediately and to send their names to the national headquarters of the association. Mr. Trigg also said that the association would aid in securing hotel accommodations if such is requested.

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Aluminum Production Pushed at Massena

OPD Washington Bureau
November 21, 1941

Speedy construction of a new aluminum plant was assured today when Donald M. Nelson, Director of Priorities, granted a high priority rating for necessary materials for the building of a new plant at Massena, N. Y. Construction is scheduled to begin January 3, and the first units of the plant are expected to be in production May 2, just four months later. Other units of the plant will come into production during May and June .

Thirty-eight buildings will be constructed at Massena, housing the machinery for a total annual production of 150,000,000 pounds of aluminum. Under ordinary circumstances a plant of this magnitude would take from ten months to a year to build. A preference rating of A-1-b has been assigned the project, under preference rating order P-19-b. The bulk of the material needed is structural steel for buildings, steel plates for the construction of aluminum pots and copper cable for electrolytic machinery.

The plant is being financed by the Defense Plant Corporation and will be operated by the Aluminum Company of America.

Other Aluminum Plants

A $22,000,000 contract for the manufacture of aluminum was announced today by the Federal Loan Administration. A plant to produce 60,000,000 pounds of fabricated aluminum per year will be built at Fairview, Ore., and will be operated by the Aluminum Company of America. It also was reported that the site of the $33,000,000 Arkansas plant for the manufacture of aluminum would be at Lake Catherine, near Malvern.

Balto. Production Club Installs New Officers

The Baltimore Paint and Varnish Production Club at its November meeting installed the following officers:—President, David N. Finck, of Hanline Brothers; vice-president, Dr. S. Ira Wilbur, of the Crown Cork & Seal Company; secretary, Francis Schofield; and treasurer, William J. Meichner, Hanline Brothers. The meeting was addressed by S. C. Sorenson, of the Archer-Daniels-Midland Company, on "The Manufacture of Drying Oils."

Devoe & Raynolds Transfers Moss to N. Y. Purchasing Dept.

O. P. Moss, who for the last eight years has been in charge of purchases at the Jones-Dabney Division of Devoe & Raynolds Company, Louisville, Ky., has been transferred to the home office in New York. Mr. Moss will assist in the purchasing of certain groups of raw materials including solvents, resins, cellulose and certain white pigments.

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Refined Cottonseed Oil Futures Recover After Early Weakness —Crude Easier — Degras in Light Supply and Higher —Chinawood Oil Continues Firm—Business Quiet

Business in miscellaneous oils, fats and greases continued quiet last week. As usual at this period consumers were disposed to hold aloof or limit their takings to small lots to meet immediate requirements. The prevailing uncertainty regarding legislative affairs at Washington was also reflected in the attitude of buyers. Recent weakness in cottonseed oil and soybean futures caused shading of quotations in a few instances, but the tone of the market in general remained firm as stocks of many imported and domestic products are small. A decline in cottonseed oil futures early in the week was followed by a rally later. Fluctuations in lard futures were within comparatively narrow limits.

Vegetable Oils

Castor, Dehydrated.—Output moving steadily to local and other consumers. Market firm.

Chinawood.—Inquiry good. Offerings light. Market firm.

Washington, Nov. 21.—Chinawood oil imports into Hongkong lower and prices up in October, according to cable from American consulate. Arrivals at port 43 long tons, shipped to independent dealers who hold about 20 long tons. Chinese representatives hold about 1,000 long tons.

Corn.—Easier with competing products. Quotations shaded ¼c. to ½c.

Cottonseed.—Edible steady at recent decline. Demand fair.

Olive.—Offerings light, spot and future. Market firm though quiet.

Peanut.—Inquiry lighter. Nominal quotations shaded ¼c.

Rapeseed.—Prices stationary. Demand fair.

Soybean.—Beans and competing oils easier. Resale offerings freer. Trade quieter. Quotations shaded ¼c. to ½c.

There was no trading in soybean oil futures on the New York Produce Exchange from November 15 to November 21, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	...	...	10.40 bid
December	...	...	10.40 bid

Markets at Other Centers

Chicago—Nov. 21

Vegetable oils fairly active.

Babassu Oil

Offerings of babassu oil have been limited in the local market in recent weeks and the situation on the Pacific Coast apparently is similar. Quotations are nominal at around 10c. per pound in tankcars. This compares with 5⅞c. last year and 6¾c. two years ago. There has been a lack of offerings of babassu kernels for shipment from Brazil and no change in the situation in this respect is expected until the new crop season opens early next year. According to some reports, opening prices for the kernels will be much higher than at the opening of the current season.

Production of crude oil during the nine months of the calendar year ended with September, according to official statistics, was 35,060,000 pounds against 47,093,000 pounds in the same time in the previous year; refined oil 14,440,000 pounds against 17,504,000 pounds. Consumption of refined oil during the nine-month period this year was 37,000,000 pounds against 49,247,000 pounds in the same time last year; refined oil 12,104,000 pounds against 15,289,000 pounds. Factory and warehouse stocks at the close of September this year were 2,380,000 pounds of crude oil and 169,000 pounds of refined, against 3,656,000 and 689,000 respectively a year ago.

Price Changes

Advanced

Degras, ¼c. to 3c. per lb.

Reduced

Corn oil, ¼c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Peanut oil, ¼c. per lb.
Soybean oil, ¼c. per lb.
Soybean meal, $2.50 per ton.

Comparative Values

Index numbers complied from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
171.3	171.5	173.8	100.2

Market news that may have developed after this report was sent to press will be found on page 4.

Coconut.—Refined, edible, 14c. to 14¼c. per pound, drums, car lots; 14½c. to 14¾c., less car lots.

Corn.—Refined, edible oil, 15c. to 15¼c. per pound, drums, car lots; 15½c. to 15¾c., less car lots.

Soybean.—Crude, November forward, 9⅞c. to 10c. per pound.

The market for soybeans on the Chicago Board of Trade was active. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing Nov. 21.	Nov. 14.
Cash	$1.60	$1.57	...	...
Dec.	1.62	1.56¼	$1.61¼	$1.66
May	1.66	1.60⅛	1.64⅞	1.69⅝

San Francisco—Nov. 19

Vegetable oils quiet.

Coconut.—Early positions, 6¾c. per pound in tankcars; later deliveries, 6⅝c.; copra, 4c.

Chinawood.—Quoted 34¾c. per pound, tankcars.

Cottonseed, Crude.—Quoted 11⅛c. to 11¼c. per pound, tankcars, northern California points.

Babassu.—Nominal at 9⅝c. per pound, tankcars.

Oiticica.—Quoted 21½c. per pound for solid; 22½c. per pound for liquid, drums.

Castor, Crude.—Quoted 12¼c. per pound, tankcars, f.o.b. Los Angeles.

Sesame, Crude.—Quoted 13½c. per pound, tankcars, f.o.b. mills, San Francisco Bay area.

Linseed Oil

Flaxseed price changes generally moderate. Linseed oil and meal steady.

Flaxseed—Duluth, Nov. 21.—Flaxseed market firmer. Cash demand active. Receipts decreasing.

The week's closing flaxseed price range was as follows:—

	Cash.	Dec.
Saturday	$1.77½	$1.80¼
Monday	1.78½	1.81¼
Tuesday	1.79¾	1.82⅝
Wednesday	1.79¾	1.82⅝
Thursday	...	...
Friday	1.79½	1.82½

Crop movement in bushels follows:—

	Receipts— 1941.	1940.	Shipments— 1941.	1940.
This week..	21,895	28,518	.....	49,059
Since Aug. 1	2,773,327	4,533,823	1,958,400	2,985,852

Minneapolis, Nov. 21.—Flaxseed futures more active. Crushers heldging on news from Argentina where trading in futures banned by government. Believed here there is a considerable foreign long interest in futures that will have to be liquidated. Cash seed active and firm. Quality of receipts deteriorating again.

The week's closing flaxseed price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.83½	$1.80½	$1.85½
Monday	1.84½	1.81½	1.86½
Tuesday	1.85⅝	1.82⅝	1.87⅝
Wednesday	1.86⅝	1.82⅝	1.88
Thursday	...	...	...
Friday	1.86½	1.82½	1.87⅝

Crop movement in bushels follows:—

	Receipts— 1941.	1940.	Shipments— 1941.	1940.
This week	184,800	72,800	12,600	156,800
Since Sept. 1..	6,276,000	7,111,200	592,000	671,100

Winnipeg, Nov. 21.—The week's closing flaxseed price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.46¼	$1.46¼	$1.48½
Monday	1.47⅜	1.47⅜	1.50¼
Tuesday	1.48½	1.48¼	1.51⅝
Wednesday	1.49⅝	1.49½	1.53½
Thursday	...	...	...
Friday	1.50⅞	1.50⅝	1.54½

Buenos Aires, Nov. 21.—Flaxseed, no prices. Exports this week 322,000 bushels, including 283,000 to the United States. Total since January 1 as follows:—

To—	Bushels— This year.	Last year.
United States	19,448,000	11,345,000
United Kingdom	2,412,000	5,947,000
Continent	977,000	11,856,000
Orders	.....	606,000
Others	1,446,000	1,198,000
Totals	24,283,000	40,952,000

Visible Supply

	Bushels.
Last week	26,772,000
Previous week	28,843,000
Last year	3,937,000

Hull, Nov. 21.—Flaxseed, La Plata, £13 per long ton; Calcutta, £20.

Linseed Oil.—The local oil market was steady in the absence of wide changes in domestic flaxseed prices. Business was generally reported as quiet. The movement on contracts held up well. Northwestern markets reported a good cash demand. Receipts were on a diminishing scale, with the quality of the seed lower. It was announced that the Argentine government had prohibited trading in flaxseed futures and that until further notice the government minimum selling price, equal to 69⅞c. per bushel,

Current prices on animal, vegetable, and fish oils (under Oil), fats and greases (under Grease) are given in the alphabetical list of prices beginning on page 9

Association meetings:—

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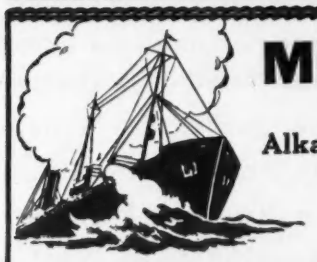
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Light Cold Pressed
Alkali Refined Kettle Bodied
Dark Pressed
Commercial Grades
Fish Oil Stearine
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America's largest producers of
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All Grades Saponified and Distilled
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Since 1840
EMERY INDUSTRIES, INC.
Originators of Twitchell Process
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Stocks in All Principal Cities

will be the official quotation. Uncertainty as to whether this is to be permanent or merely temporary made some linseed oil sellers disinclined to offer very freely, especially as offerings of seed from Argentina were lacking.

Minneapolis, Nov. 21.—Linseed oil trade stimulated by Argentine news. Sales mainly for January-June shipment. Tankcars, 9.3c. per pound; cooperage, car lots, 10.2c.; warehouse lots, 10.6c.

Shipments of oil in pounds were as follows:—

	1941.	1940.
This week.....	3,200,000	3,600,000
Since Sept. 1.....	54,900,000	43,300,000

San Francisco, Nov. 19.—Linseed oil quiet. Tankcars, 9.1c. per pound; drum lots ex-mill, 10c.; ex-warehouse, 10.4c.

Cake and Meal.—Fair movement of meal. Market steady.

Minneapolis, Nov. 21.—Linseed meal fairly active. Quoted $35 to $35.50 per ton.

Shipments of meal in pounds were as follows:—

	1941.	1940.
This week.....	6,920,000	7,720,000
Since Sept. 1.....	108,410,000	79,241,000

DISTILLED
FATTY ACIDS
Tallow Fatty Acids
Cocoanut Fatty Acids
Cottonseed Fatty Acids
HYDROGENATED FATTY ACIDS
(Rufat 52)
STEARIC ACID
RED OIL
(Oleic Acid)
WILSON & CO. INC
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

Cottonseed Oil

Refined oil futures declined early in the week, then rallied. Southern markets for cottonseed products quiet.

Cottonseed Oil.—Refined oil futures were irregular, declining early in the week and then rallying. Crude oil was easier at 10⅞c. to 11⅛c. per pound. Soybeans again weakened. Local and other longs liquidated. There was also more or less bearish pressure. Commission houses and trade interests gave support on the decline. Offerings fell off and shorts covered. Buying was apparently stimulated by an increase in the government loan on 1941 corn to 74.8c. per bushel against 61c. in the previous season. There were reports of a somewhat better demand for cash refined oil and lard.

The government announced the purchase of 8,104,016 pounds of lard during the week ended November 15. Receipts of hogs were smaller than expected and considerably under the movement a year ago. The weight of the hogs received in Chicago during the week ended November 15 averaged 224 pounds against 225 pounds in the previous week and 227 pounds in the week before that. Stocks of lard in Chicago decreased 7,402,990 pounds during the first half of November against an increase of 351,196 pounds in the same time last year. Supplies in that market November 15 were 122,861,712 pounds or about 40,000,000 pounds less than a year ago.

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LIGROIN BENZINE
LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K.V. BLDG., CHARLESTON, W.VA.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from November 15 to November 21, inclusive, comprised 426 contracts. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	12.60	12.25	12.49@12.55
March	12.64	12.28	12.53 sale
May	12.64	12.26	12.52 sale
July	12.62	12.36	12.52 sale
December	12.66	12.27	12.51 sale

Crude, Southeast, 11¼c. nom.

Cake and Meal.—Quiet conditions generally reported in Southern markets. Offerings light.

Markets at Other Centers

Atlanta—Nov. 19

Cottonseed meal, 8 percent grade, $38 per ton. Prime crude oil, 10.87c. per pound.

Memphis—Nov. 21

Crude cottonseed oil quiet. Last sales 11¼c. per pound, Valley basis. Many mills closed temporarily, stating present crude levels far below production costs; will take 12-cent market to bring out oil in volume. Meal, 41 percent, $36.50 per tone, Memphis basis. Cake, $33 per ton, Valley basis. Bulk hulls, $5.50 to $6 per ton, mill points. Demand shade better. Seed, $50 per ton bid. Closing cottonseed and soybean meal quotations on Memphis exchange as follows:—

	Nov. 13.	Nov. 19.
December	$36.15@36.50	$36.15@36.50
January	36.50@36.75	36.45@36.70
March	37.25@——	37.20@——
May	37.25@37.50	37.15@37.40
July	——@——	37.25@——

Closing soybean meal futures:—

December	$34.50@35.00	$34.05@34.35
January	34.00@34.75	34.05@34.25
March	34.25@34.50	34.05@34.25
May	34.15@34.50	34.10@——
July	——@——	34.00@34.50

Fatty Acids

Capric Acid.—Fairly active. Market firm.

Castor Oil.—Basic material firm. Fatty acid in good demand.

Cottonseed Oil.—Trade quieter. Quotations maintained.

Red Oil.—Steady contract movement. New business fairly active. Market firm.

Chicago—Nov. 21

Fatty acids fairly active. Corn oil, double distilled, 14¼c. to 14½c. per pound, tankcar; 14¾c. to 15c., drums, car lots; 15¼c. to 15¾c., less car lots; coconut oil, acidulated, 15¾c. to 16c. per pound, tankcar; 16¼c. to 16½c., drums, car lots; 16¾c. to 17c., less car lots; cottonseed oil, double distilled, 13½c. to 13¾c. per pound, tankcar; 14c. to 14¼c., drums, car lots; 14½c. to 14¾c., less car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3⅝c.

Fish Oils

Menhaden.—Refined steady. Fair small-lot movement.

Sardine. — Increased request for prompt shipment. Prices steady.

Whale.—Refined oil in fair request. Tone steady.

Markets at Other Centers

Baltimore—Nov. 19

Four tanks crude menhaden oil sold at 58c. per gallon. Fishing season ended here. North Carolina fishing disappointing.

San Francisco—Nov. 21

Crude sardine oil active and firmer; 125 tanks sold 60c. per gallon, Northern California points. Today, 60c. asked; 59c. bid. Southern California sales at 61½c.; later 62½c. asked. Production to date, 1,400 tanks; contracted for 2,500.

Fats and Greases

Grease.—Spot trade fairly active. Market steady.

Lard.—Local demand moderate. Government purchased 8,104,016 pounds week ended Nov. 15.

Chicago, Nov. 21.—Following is a lard price record, per 100 pounds, for the week:—

			Closing	
	High.	Low.	Nov. 21.	Nov. 14.
Cash	$9.85	$9.75	$9.85	$9.87
Dec.	9.97	9.67	9.80	9.85
May	11.50	11.25	11.50	11.42

Stearin.—Offerings light. Spot inquiry fair. Tone steady.

TO OBTAIN . . .

The highest grade alkyd resins, use Woburn Fatty Acids (Linseed, Soybean, Cocoanut, Cottonseed, etc,). They are more highly refined, purer, are uniform and are shipped in suitable containers to prevent contamination.

To obtain a superb alkyd, colorless and color retentive to an unusual degree, use Woburn Isoline Fatty Acid. No other material produces an alkyd of equivalent color retention and durability.

For a drying oil of superior quality, use Woburn Dehydrated Castor Oil — ISOLINE — (U.S. Patent 1,892,258). White protective coatings made with ISOLINE are lighter and do not "after yellow".

For the Most Durable of All Films Use ISOLINE

For high quality soaps, use Woburn Fatty Acids. Consult our Technical Department for advice on the proper Fatty Acid to be used in making your Special Soaps. The use of Fatty Acids reduces the cost of making soaps.

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Representatives in Principal Cities:

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PHILADELPHIA Geo. A. Rowley Co. PITTSBURGH J. C. Ackerman ST. LOUIS Nolte Brokerage Co. TORONTO Harrisons & Crosfield (Canada) Ltd. WASHINGTON, D. C. Manufacturers Service Bureau

LOS ANGELES — PORTLAND, ORE. — SEATTLE — SAN FRANCISCO
Martin, Hoyt & Milne, Inc.

Warehouse Stocks at CHICAGO — CLEVELAND — LOS ANGELES — OAKLAND, CALIF. — SAN FRANCISCO — SEATTLE

Tallow.—Fairly active. Sales at 8¾c. per pound for extra.

Chicago, Nov. 21.—Prime tallow, 8¾c. to 9c. per pound.

Animal Oils

Degras.—Stronger with raw material. Supplies light and diminishing. Common, 8¾c. to 9½c. per pound; neutral, 18c. to 22c., according to grade.

Lard.—Quotations maintained. Trade fair.

Neatsfoot.—All grades in demand. Market firm.

Oleo.—Local trade fairly active. Market firm.

Tallow.—Quiet and steady.

Waxes

Bees.—Some African coming. Prices on the high side. Refined yellow and white bleached show no decrease in strength or demand.

Candelilla.—Reasonably active. Not too much spot stock. Replacement cost very firm.

Carnauba.—Market quiet, Brazil and spot. Profit taking reported locally. Some believe a break in values at source is not unlikely. More prominent of first-hand operators maintaining quotations, shading moderately at times under competition.

Japan.—Quiet, but very steady. Full price maintenance.

Resale Markets

There was little to record in the way of activity in the resale market. Buying interest was limited. Offerings of crude soybean oil were reported in the West as rather free at times owing to further weakness in beans with business said to have been closed at 9¾c. to 10c. per pound, or about ¼c. to ½c. under the prices named by some first hands.

Cottonseed Crushings Up

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1 to October 31, 1941, and 1940, according to the Census Bureau, were as follows:—

Cottonseed

	Tons	
	1941.	1940.
Receipts	2,400,039	2,131,122
Crushed	1,196,068	1,130,998
On hand, Oct. 31	1,343,500	1,039,636

Crude Oil

	Pounds	
	1941.	1940.
Produced	371,816,000	359,042,000
Shipped	318,441,000	274,842,000
On hand, Oct. 31	133,228,000	148,885,000

Refined Oil

	Pounds	
	1941.	1940.
Produced	240,125,000	215,097,000
Shipped	.....	.....
On hand, Oct. 31	203,544,000	355,118,000

Cake and Meal

	Tons	
	1941.	1940.
Produced	521,936	504,162
Shipped	394,565	453,894
On hand, Oct. 31	291,815	129,769

Hulls

	Tons	
Produced	302,739	282,453
Shipped	241,040	198,781
On hand, Oct. 31	213,138	104,586

Linters

	Bales	
	1941.	1940.
Produced	343,280	286,559
Shipped	342,514	238,734
On hand, Oct. 31	123,920	177,165

Dairy Co-Ops Voice 'Mad' at Margarin

—Continued from page 5

cornerstone in its newly created nutritional program for the people of this country, we request the Congress to reiterate and supplement its position of more than fifty years' standing respecting this substitute product, namely, that of protecting the public health and welfare against fraud and deception in the sale of oleomargarin. To that end we endorse and urge the Congress to pass legislation which prohibits interstate shipment and sale of oleomargarin which (1) contains any dairy products, (2) which is yellow in color, and (3) which resembles or imitates butter in respect to color, taste, or appearance.

We urge further the strengthening of the statutory authority of the Federal Trade Commission to proceed against the manufacturers or representatives of oleomargarin in respect to unfair and receptive acts or practices in their advertising of this product with particular emphasis on the use of yellow-colored advertisements and the use of descriptive dairy terms.

Archer-Daniels Names Platt to Tomlinson Post

—Continued from page 4

and the Werner G. Smith Company have been consolidated.

Mr. Tomlinson started in the linseed oil business in Buffalo in 1903 as a broker. He subsequently joined Spencer Kellogg & Sons in Buffalo, and from

G. H. Tomlinson

1909 to 1912 was Cleveland manager for the Kellogg organization. He was New York manager for the Midland Linseed Products Company from 1912 to 1923, the year in which he was named Eastern division salesmanager for Archer-Daniels-Midland, a post he held until his retirement.

Mr. Tomlinson served as secretary of the Buffalo Paint, Varnish and Lacquer Association in 1904, and as treasurer of the New York Paint, Varnish and Lacquer Association from 1921 to 1925. As to the future, he plans to spend some time in Florida.

Trade Briefs

Wallis Tung Corporation of Florida has received a permit from the Alabama State Department of Agriculture for the erection of a warehouse to store tung nuts.

Weaver & Huigi, Inc., brokers in tallow, grease and fertilizers, New York Produce Exchange building, recently increased office space and added a chemical department under the management of Howard S. Weaver.

D. Hudson Boyd, vice-president of the Georgia Rosin Products Company, Savannah, since 1921, has been elected president of the company, succeeding Brian S. Brown, deceased. J. M. Boze has been elected vice-president and secretary.

Soybean Freights Revised

The New York Public Service Commission has approved new commodity freight rates of the Long Island railroad on corn, peanut and soybean oils in packages, at carload minimum weight specified in tariff, from Corona to 39th street and Third avenue station on South Brooklyn 8c. per cwt. Reduction. Effective November 23, 1941.

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FOR AMERICAN DEFENSE AND INDUSTRY
UNIVERSAL TRADING CORPORATION
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Domestic and Export
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Measures, Weighs, Mixes and Melts Quickly
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Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty Acids for Rubber Compounding
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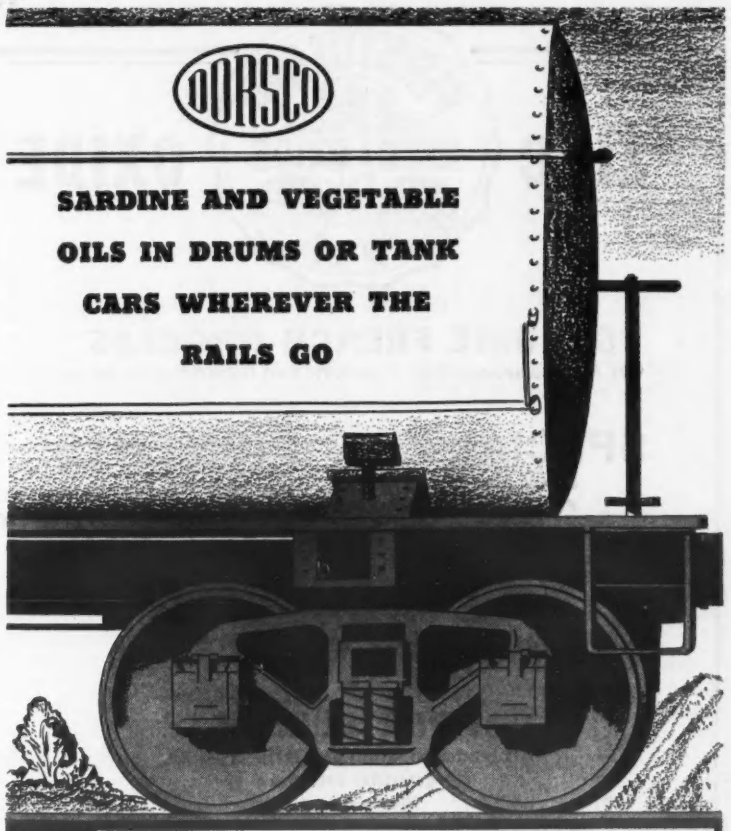

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Beehive Brand BEESWAX • Finest Quality • Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
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Spermaceti Red Oil Glycerine
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To manufacturers faced with these and other problems which involve chemicals or the application of chemicals, Du Pont offers the assistance of its Technical Service staff.

With our background of experience and research, we may be able to suggest possibilities you have not yet considered. Perhaps the Du Pont laboratories can supply technical information which will help you find suitable new materials or methods. The results of research in unrelated fields may have an unexpected application to the problem at hand.

Naturally, there are situations where little or nothing can be done at present. When in our opinion such a condition exists, we will frankly tell you so.

And when this period of unusual stress is past, the skill and competence acquired during 139 years of Du Pont chemical research will still be available to assist you in readjusting your program to normal requirements.

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INCORPORATED
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WILMINGTON, DELAWARE

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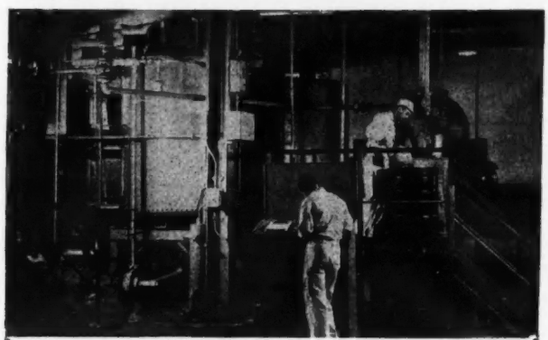

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Nicotinic Acid Amide	Mandelic Acid U.S.P.
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Sulfanilamide U.S.P.	Calcium Mandelate
Cinchophen NF	Guanidine Hydrochloride
Neocinchophen U.S.P	Saligenin
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SPECIAL ZINC PIGMENTS
METALS AND METAL POWDERS

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Telephone: MU 3-5820

Drugs, Fine Chemicals

Scarcity of Raw Material Sends Adeps Lanae to Higher Levels —Little Spot Quicksilver—Menthol in Limited Reserve — Minor Alkaloid Stocks Low

Price activity among producers of drugs and fine chemicals was lacking last week. Values of practically all such merchandise retained all the strength noted for many weeks past. Demand was excellent and gaining, if anything, without there being much if any increase in factory output available to meet new business. Increase in production usually finds immediate application on the existing backlog of orders.

Minor alkaloids were exceptionally scarce and amazingly strong throughout the period. Distribution of supplies was poor and whoever had goods came near to dictating values in imperial fashion. American production is costly, but it is the only production that is now available; it is totally in control of a market formerly dominated exclusively by imported merchandise.

Spot stocks of quicksilver were low and prices were not only strong but practically nominal. Little menthol was offered and prices tended upward. Alcohol and methanol were in high volume demand that pressed hard on production totals that were substantially below the quantities needed urgently.

Price Changes

Advanced

Adeps lanae, anhydrous, 7c. per lb. hydrous, 7c. per lb.

Reduced

None.

Comparative Values

Index numbers complied from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
226.3	226.3	226.0	203.3

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide.—Active. Firm undertones. No competition.

Acetone.—Needs taking practically all immediate and potential production.

Acetophenetidin.—Stocks moderate. Prices firm to stronger.

Acid, Boric. — Excellent demand finds unsold stocks very small. Reports of resales commanding premium. No spot resales noted.

Acid, Benzoic.—None too much available. Deliveries conservative.

Acid, Citric.—Situation little improved by arrival Winter season. Producers exercise extreme care in taking new business.

Acid, Gallic.—Active demand keeps prices on firm to strong basis.

Acid, Lactic.—Active and not too well stocked as to U.S.P. item.

Acid, Nicotinic.—Every ounce produced finds an immediate owner or needer. No surplus.

Acid, Tartaric.—Strong and scarce. Chances poor for substantial gain in supplies in firsthands.

Adepslanae.—Scarcity raw material puts anhydrous item to 30c. to 32c. per pound; hydrous, 29c. to 31c.

Agar.—Poor prospect for getting more goods from Japan. Holders hold very firm price views.

Alcohol.—No change in strong market position. Nor in heavy, expanding demand. Nor in the not too favorable prospect for heavy expansion production by regular distillers. All sorts of raw material likely to be used eventually.

Amyl Acetate.—High volume demand keeps stocks at low ebb.

Arecoline.—Few regular suppliers have more than very small quantities. Sold as high as $11.25 per ounce.

Atropine.—Acute scarcity in regular channels. Some makers report selling alkaloid at $27 and sulphate at $21 per ounce.

Bismuth Metal and Salts.—Routine but sustained demand accompanied by very firm, stable price position.

Berberine.—Local sales reported as high as $38.50 per pound and general distribution of stocks reported poor.

Caffeine.—Report of new plant persists despite recent denials by parties alleged to be interested.

Castor Oil.—Sustained demand at full prices. Raw material strength unabated. Bean market strong.

Chicago, Nov. 18.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 13¼c. per pound; drums, less than car lots, 14c.; tanks, 12⅜c.; No. 3, extracted, returnable drums, car lots, 13c.; drums, less than car lots, 13¾c.; tanks, 12½c.

Chalk.—Excellent demand for all grades precipitated item. Prices show strength.

Colchicine.—Very little outside of firsthands. Sales reported at $63 per ounce.

Cream of Tartar.—Demand maintained at full volume of recent date. No weakness of any sort in sight.

Emetine.—Distribution of supplies poor. Many former sellers have none. Sales reported as high as $34.50 per ounce.

Codliver Oil

World War No. 2 has reduced the number of countries shipping codliver oil to the United States to three—Iceland, Canada, and Newfoundland, according to recent Department of Commerce reports.

The ten countries shipping here in the last year before the war were as follows, of importance in the order named: Norway, Iceland, Germany, United Kingdom, Canada, Japan, Newfoundland, Denmark, The Netherlands, and France.

The ten countries sent a total of 6,670,274 gallons in 1939, or a six months average of 3,323,437 gallons. The arrivals in January—June, 1941, totaled 962,449 gallons, which probably includes some oil from Japan, a source shut off when trade with that country stopped.

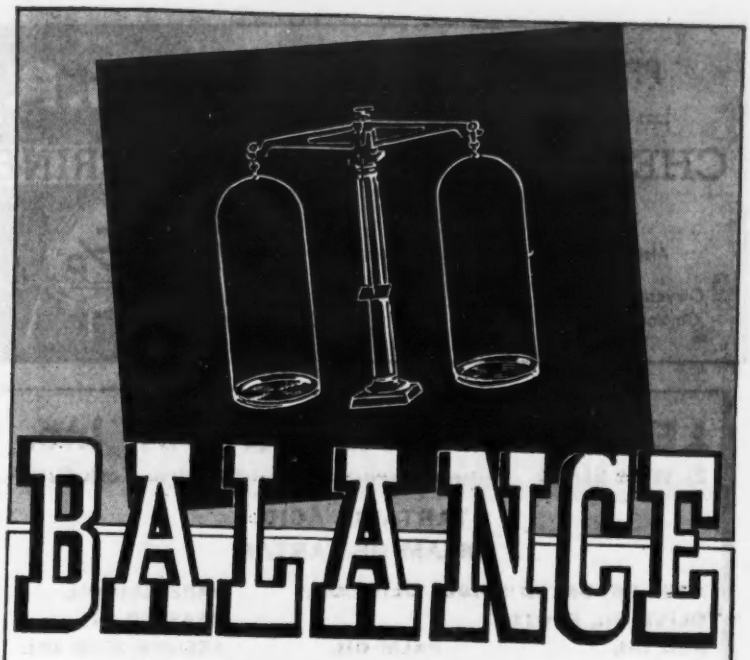
When World War No. 2 began, the price was $21 per barrel. The high thus far is $85, now prevailing. It has been an almost gentle price rise compared with the acute drop of imports from 6,670,274 gallons in 1939, to 2,114,392 gallons in 1940, and to 962,449 gallons in six months of 1941.

In World War No. 1, no source of supply was cut off. Imports were at the normal annual average of 265,000 gallons yet prices rose from $16 per barrel in August, 1914, to the war-high of $150 per barrel in April, 1916. In that war, Germany had to bid for Norwegian oil. In this one, she merely takes it—and the United States can get none from Norway—always largest shipper.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 9

Association meetings:—

N.A.I.D.M. annual meeting, Hotel Roosevelt, New York, Dec. 1 and 2.
Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.



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NOW IN WORLD WAR II
OUR laboratories are answering the challenge of keeping pace with the unprecedented demand for alkaloids, glucosides, and allied drug extractives for domestic consumption and for export to the other countries of the Western Hemisphere.
Our alkaloidal chemists and botanical staff are cooperating with you to the utmost in coping with the present emergency in regard to our supplying this vital group of drug products. The service that we are rendering is backed by twenty-four years of continuous production of alkaloids, World War I experience, comprehensive research endeavors, and extensive manufacturing facilities.
INLAND ALKALOID COMPANY
Manufacturing Chemists
TIPTON, INDIANA, U.S.A.

Ephedrine. — Production costs of natural item have risen sharply. Synthetic item steady and in good request.

Eserine.—Sales at $48 per ounce reported in strong market. Many former dealers unable to offer.

Fish Liver Oils.—Lack of normal stocks keeps prices from open market. Interest active and consumption could expand readily were stocks available in ample quantities.

San Francisco, Nov. 19.—Strike by San Francisco Bay shark fishermen complicates the scarcity of high potency A materials. Lower potencies in far better supply and market has weakened, the result of good catches of dogfish on the north coast. No prices mentioned here.

Glycerin.—Demand maintained at high rate. Complete stabilization prevails at price ceiling. Outlook favorable for heavy consumption over indefinite period of time.

Chicago, Nov. 18.—No sign of diminution in demand noted in glycerin. Prices for chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Hydrastine.—Stocks available in few quarters. Sales of alkaloid and hydrochloride reported as high as $20 per ounce; sulphate, $30.

Hyoscine.—Hydrobromide moving at $4.50 per gram and very active. Very few holders.

Hyoscyamine.—Alkaloid and hydrobromide have fetched $37.50 per ounce with few sellers able to supply anything.

Magnesium Trisilicate.—OPA order believed without effect on position of this item. Order placed metal and products derived mainly from magnesius metal under full allocation.

Mannitol.—Playing important part defense products. Prices favorable.

Menthol.—All eyes remain on this article—particularly the American peppermint farmer. Nothing coming from Japan. Resumption of trade highly unlikely. Trifling quantities offered from China. Production from American peppermint oil likely if price goes high enough.

Mercurials. — Strong undertones. Due to raw material position. Demand active.

Methanol.—Close control of supplies in evidence. Defense needs get first call. Little left over for other users.

Pilocarpine.—Sales active. Stocks hard to acquire. Business done in alkaloid, hydrobromide and sulphate as high as $13 per ounce; hydrochloride, $4; nitrate, $3.85.

Podophyllin.—High cost of raw material makes market strong. Stocks of same not too ample. Demand for derived product excellent.

Quicksilver.—Strong market. Spot stocks about wiped out save for orders covering single flasks and the like. Pacific Coast market also strong. OPA studies yet to produce action.

San Frarncisco, Nov. 19.—Quicksilver market appears on quiet side, with steadiness as a feature. Quotation here is $195 per flask.

Quinine.—Sustained demand being met with promptness by leading firsthands. Prices very firm.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce and quantities of 500 ounces at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	24	34⅝	23½
Monday	24	34⅝	23½
Tuesday	24	34⅝	23½
Wednesday	24	34⅝	23½
Thursday	24	34⅝	23½
Friday	24	34⅝	23½

Resale Markets

Numerous small buyers who do not operate under contracts with producers continued to keep active the resale market on drugs and fine chemicals. The push for supplies kept quotations strong and sellers with goods actually in hand found little difficulty in getting full prices. Stocks of available items were never large and the quantities ebbed and flowed with substantial rapidity. Hence, sellers were in complete command of the situation since buyers had little opportunity to profit by the element of competition; it was mainly lacking.

Quotations, good only at the time made and noted locally during the period under review, were as follows:—Acetone, 20c. to 25c. per pound; acetylsalicylic acid, 85c.; butyl acetate, 24c. to 30c.; calcium lactate, 31c.; citric acid, 63c.; cream of tartar, 64c.; formaldehyde, 35c. in 40-pound containers; C.P. glycerin, 28c. to 30c.; isopropyl alcohol, 80c. to 90c.; methyl salicylate, 80c.; Rochelle salt, 63c. to 65c.; soluble saccharin, $2.85; salicylic acid, 65c. to 90c.; soda benzoate, $1.05; soda salicylate, 80c.; tartaric acid, 75c.; theobromine, $9.75 to $10.75; theobromine sodiosalicylate, $4.50 to $4.85; cadmium metal, $1.50 to $1.75 per pound.

U.S.P. Convention Called for April 7

—Continued from page 3

that adequate preparatory study of it may be afforded.

The special committee on constitution and by-laws, appointed on the recommendation of the 1940 president, Walter A. Bastedo, M. D., consists of four physicians, four representatives of pharmacy, and one representative of a governmental organization. Its members are:—Allen H. Bunce, M. D., Atlanta, chairman; W. F. Rudd, Richmond, Va.; P. H. Costello, Cooperstown, N. D.; Carson P. Frailey, Washington; W. A. Groat, M. D., Syracuse, N. Y.; Theodore G. Klumpp, Chicago; C. H. Rogers, Minneapolis; Torald Sollman, M. D., Cleveland; H. C. Wood, M. D., Philadelphia. The committee also has as ex officio members Cary Eggleston, M. D., president of the U.S.P. convention; L. E. Warren, secretary; and E. Fullerton Cook, chairman of the U.S.P. revision committee.

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We Invite Your Correspondence

N.A.I.D.M. to Hold Container Symposium

—*Continued from page* 3

there will be a 'question and answer clinic.' The meeting will come to a close with the informal beefsteak dinner and floor show. The program follows:—

Monday, December 1

Morning Session

Address of president, W. J. Zick, Stanco, Inc.

Appointment of committees.

Report of secretary, Ira P. MacNair, MacNair-Dorland Company.

Election of nominating committee.

Report of entertainment committee, J. B. Magnus, of Magnus, Mabee & Reynard, Inc.

Symposium on Containers

Cans, L. A. Trevisan, American Can Company, New York.

Bottles, E. F. Bertrand, Owens-Illinois Glass Company, Toledo, Ohio.

Paper & paper products, Fred Wohlers, Hinde & Dauch Paper Company, Hoboken, N. J.

Steel drums and pails, John Gossett, Wilson & Bennett Manufacturing Company, Chicago, Ill.

Afternoon Session

Report of legislative committee, C. L. Fardwell, McCormick & Co., Baltimore.

"Viewing Insecticides, Disinfectants, Waxes, etc., from the Consumers' Side of the Fence," E. Freedam, director of bureau of standards, R. H. Macy & Co., New York.

"What a Cow Man Expects of a Cow Spray," O. A. Shaw, associate professor of dairy husbandry, Kansas State College of Agriculture, Manhattan, Kans.

"What Is Happening on Floor Waxes?", C. S. Kimball, Foster D. Snell, Inc.

"Problems in Washington with Particular Reference to the Defense Program," H. C. Fuller, N.A.I.D.M. Washington consultant.

Report of priorities committee, J. L. Brenn, Huntington Laboratories, Inc.

Tuesday, December 2

Morning Session

Report of insecticide scientific committee, Dr. A. E. Badertscher, McCormick & Co., Baltimore.

"The Control of Clothes Moths and Carpet Beetles," Dr. E. A. Back, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture, Washington.

"The Canada Pest Control Products Act and Its Enforcement," A. M. W. Carter, Inspection Assistant, Department of Agriculture, Ottawa, Can.

"Roach Sprays: A Preliminary Report of a New Laboratory Method for Testing," E. R. McGovran and J. H. Fales. Presented by Dr. E. R. McGovran, Control Investigations, Bureau of Entomology and Plant Quarantine, Beltsville, Md.

Report of nominating committee.

"Priorities as They Relate to Chemicals and Allied Products, Dr. D. P. Morgan, assistant supervisor, Chemicals Section, Office of Production Management, Washington.

Afternoon Session

Report of disinfectant scientific committee, Dr. E. G. Klarmann, Lehn & Fink Products Corporation.

"The Presence of Certain Pathogenic Microorganisms on the Walls and Floors of Public Buildings," Dr. G. J. Hucker, chief in bacteriology, N. Y. State Experimental Station, Geneva, N. Y.

"The Effectiveness of Disinfectants in the Removal of Pathogenic Microorganisms from Wooden Surfaces," W. G. Walter and G. J. Hucker. Presented by W. G. Walter, N. Y. State Experimental Station, Geneva, N. Y.

"The New Regulations for Enforcement of the Insecticide Act of 1910," Dr. C. C. McDonnell, chief, Insecticide Division, Agricultural Marketing Service, U. S. Department of Agriculture, Washington.

Election of officers and three members of the board of governors.

Reports of miscellaneous committees.

Report of resolutions committee.

DCAT Elects Executive Committee

—*Continued from page* 5

Elvin H. Killheffer, E. I. du Pont de Nemours & Co.; Paige D. L'Hommedieu, Johnson & Johnson; Robert B. Magnus, Magnus, Mabee & Reynard, Inc.; Guy L. Marsters, Norwich Pharmacal Company; S. B. Penick, Jr., S. B. Penick & Co.; Robert J. Quinn, Mathieson Alkali Works; J. P. Remensnyder, Heyden Chemical Works; Carroll Dunham Smith, Carroll Dunham Smith Pharmacal Company; Ira Vandewater, R. W. Greeff & Co.; Lloyd I. Voickening, Ivers-Lee Company; E. T. T. Williams, Becton, Dickinson & Co., and Victor E. Williams, Monsanto Chemical Company.

Francis J. McDonough, president of New York Quinine & Chemical Works, was re-elected the section's representative on the board of directors of the New Yok Board of Trade.

McK.&R. Declares 25c On Common Stock

McKesson & Robbins, directorate, at a meeting November 12, declared a dividend of 25 cents a share on the common stock, payable December 20 to stockholders of record December 1. This was the first dividend to be declared on the new common stock of the company since it was returned to private management on July 1.

The directors also declared a regular quarterly dividend of $1.31¼ per share on the new 5¼ percent cumulative preferred stock, payable December 15 to stockholders of record as of the close of business December 1.

Effective July 1 last, the fiscal year of the company was changed from the calendar year to the twelve-month period ending June 30.

Prof. Gathercoal Retires

Prof. E. N. Gathercoal has retired from the faculty of the pharmacy school of the University of Illinois and has gone to gentlemanly, experimental farming on the acreage near Pentwater, Mich., which he has owned for more than thirty years. Professor Gathercoal began teaching in the Chicago College of Pharmacy thirty-three years ago. His subject has been pharmacogursy. He retires as emeritus professor in that subject. Professor Gathercoal is more widely known as a member and chairman of the National Formulary committee of the American Pharmaceutical Association. He is also renowned in the field of color standardization and nomenclature. He will continue his research applications and expects also to experiment in pharmaculture.

Clarence W. Smith has been named assistant local salesmanager of the Baltimore packers can sales territory for the Continental Can Company.

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Collapsible **TUBES**
and CAN SPOUTS

For Forty years, STANDARD have pioneered in introducing new and better ways of packaging and dispensing fluid and semi-fluid products in collapsible tubes with regular or special applicator devices. Whether your requirements are small or large, you may profit in some way or other by writing us for ideas, samples, suggestions and prices. Our satisfied, come-back customers include an impressive array of America's foremost manufacturers of products which lend themselves to merchandizing in tubes, "shells" or single-dose tubes, and small cans.

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Breaking 'BOTANICAL BOTTLENECKS'

Being the "world's largest botanical drug house" entails numerous responsibilities. Maintenance of a continuous supply of botanicals under adverse conditions is a major problem which must be met. When the war began creating a scarcity in various botanicals grown abroad, S. B. Penick & Company took up the challenge to meet customer needs.

For over two years, Penick botanists and horticulturists have spent much effort, time and money in trying to grow or find war-scarce botanicals in different parts of the United States and other parts of the Western Hemisphere. The going has not always been easy and the disappointments many. Yet the percentage of success has been encouraging. A nice list of botanicals, therefore, which might now be very scarce or unobtainable have found their way to Penick warehouses, ready for shipment to our customers.

Developing domestic botanical cultivation to ease foreign shortages and make this country less dependent on uncertain far away producers.

PENICK DELIVERS THE GOODS

Another method used by Penick to break "botanical bottlenecks" is by assiduous search for and development of new sources of supply. No wonder so many drug plant buyers turn to Penick as their "initial source of supply for botanical raw materials."

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Columbia Pharmacy Alumni First Aid Course Started

The First Aid course sponsored by the Alumni Association of the Columbia University College of Pharmacy will meet every Friday, beginning November 21, from 8 p. m. to 10 p. m., and will continue for eleven weeks. The instruction is that of the standard course in first aid conducted by members of the staff of the American Red Cross.

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APEX CHEMICAL CO., Inc., 225 W. 34th Street, New York, N. Y.
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MERCURIC OXIDE
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CORROSIVE SUBLIMATE
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Hinde & Dauch Co. Loans G. T. Hendersen to OPM

George T. Henderson, director of the package laboratory of the Hinde & Dauch Paper Company, has been appointed as assistant to the head of the Container Branch of the Office of Production Management. Mr. Henderson, who has been with Hinde & Dauch for the past six years, has been granted leave of absence by the company for the duration of the emergency and will return upon completion of his work in Washington.

Biddle, Sawyer & Co Opens N.Y. Branch

Biddle, Sawyer & Co. (U.S.A.), Ltd., has been established at 100 Gold street, this city, to act as purchasing agent for Biddle, Sawyer & Co., crude drug importer, London, and to establish direct connections between America and clients and agents of the company throughout the world. In announcing the new firm, Herbert Berens, of the London company, said that under present conditions, where space on vessels is of primary importance, direct shipments should be arranged wherever possible. He said that by operating from New York much of the business which has hitherto had to pass through London can be expedited for the benefit of all concerned.

Hinde & Dauch Paper Company, Sandusky, Ohio, has issued No. 1 of "Little Packaging Library" series, entitled "How to Seal Corrugated Shipping Boxes."

Trade Briefs

Premier Mill Corporation, manufacturers of colloid mills, has located its Chicago office at 332 South Michigan avenue.

Walgreen Company, chain drug operator, Chicago, sales for October amounted to $7,188,293, against $6,313,719 in October last year.

Champion Paper & Fibre Company, Canton, Ohio, stockholders have approved new issue of $8,500,000 first mortgage bonds and $4,000,000 cumulative preferred stock.

Bruning Brothers, Inc., manufacturer of paints, South Baltimore, plans the erection of a plant to contain about one and a half times the floor space afforded by the present establishment.

Lawrence A. Appley has resigned as educational director for Socony-Vacuum Oil Company to become vice-president in charge of personnel planning and research for the Vick Chemical Company, this city.

Kenneth Mahrle, for the past five years Wisconsin representative for the National Can Corporation, this city, has taken leave of absence to act as food purchasing consultant of the Office of Production Management.

Jefferson Lake Sulphur Company, New Orleans, is not buying the War Eagle mill and various nearby mining claims in Nevada. The sulphur company had an option on the Nevada properties, but decided not to exercise it.

THREE ELEPHANT BORAX AND BORIC ACID
Purity Guaranteed Over 99.5%

The AMERICAN POTASH & CHEMICAL CORPORATION
70 Pine Street New York
Stocks carried in principal cities in the United States and Canada

TRONA
TRONA MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

Botanical Drugs, Spices, and Gums

Condimental Items Price Trend Still in Reverse Gear—Medicinal Items Move in Fair Volume at Firm Quotations —Some Primary Markets Ease

Firm prices and very good consuming request featured the market for botanical drugs throughout the past week. Medicinal botanicals were items of definite strength and whatever of easiness there was came mainly in materials used mostly for condimental purposes.

Buyers usually received deliveries not much larger than immediate needs dictated. The tendency was to keep deliveries down to quantities that would provide only a limited margin for stock purposes. This was definitely true where scarce items were concerned. In effect, the policy amounted to a sane method of rationing limited stocks in the interest of the greatest number of manufacturing consumers.

Condimental materials continued to show more of the unsettlement in prices noted in the past several weeks. New crops in various parts of the world still open to American buyers have provided the primary markets with competition sufficient to ease the price structure moderately. The downward trend of spot prices followed movements at the sources of supply but it was expected to be of rather short duration.

Balsams

Peru.—Market $1.25 to $1.35 per pound. Turns slightly easier.

Tolu.—Firm. Little general change in position.

Barks

Cascara Sagrada.—Strong. Closely held. Stocks moderate.

Cramp.—Top quality bark quiet but strongly held.

Elm.—Demand picks up. Gain along seasonal lines.

Soap.—Conditions about normal on spot. Steady market.

Beans

Calabar.—Steady market reveals no new development.

Vanilla.—Ship bringing Bourbon beans from Madagascar held up at one port of call by crowded ship roadstead. Progress toward this port slow. Most dangerous part of voyage ahead. Believed here that very little will remain unsold when cargo arrives. Forward sales continue at $10 per pound, basis "if and when arrived."

Berries

Fish.—Rarely appears in local transactions. Prices very steady.

Sloe.—Chance of arrivals of Russian berries poor.

Valerian Root

In peace time, valerian root comes mainly from Belgium and is rated U.S.P. In war time, if the war be long, it inevitably comes from the Far East and is not always U.S.P.

World War No. 1 was a four year war and before the end valerian root was being imported from Japan. The price for Belgian root had advanced from 8c. per pound in August, 1914, to $1.40 in October, 1918.

World War No. 2 is two years old and finds Belgian root advanced from 12c. in August, 1939, to the current quotation of $1.15.

The Far East has again become the sole source of supply. After Belgium as a source was eliminated, Japan came into the picture only to disappear when trade relations with this country stopped. India has supplanted Japan, is now the main source of supply and Indian root costs 75c. per pound.

Price Changes

Advanced

Canary seed, 10c. per lb.
Clove, Zanzibar, ¼c. per lb.
Belladonna root, 15c. per lb.
Doggrass root, cut, 12c. per lb.
Gold of pleasure seed, 1c. per lb.
Jalap root, 6c. per lb.
Lobelia, 5c. per lb.
Paprika, Portuguese, good, ½c. per lb.
Pepper, red, chillies, Japanese, 1½c. per lb.
Senega root, 3c. per lb.
Thyme, French, 13c. per lb.
Valerian root, Belgian, 20c. per lb.
Eastern, 15c. per lb.

Reduced

Anise, Spanish, 1c. per lb.
Turkish, ½c. per lb.
Cyprus, 1½c. per lb.
Cardamom, green, 5c. per lb.
Celery seed, Indian, 4c. per lb.
Cumin seed, Morocco, ½c. per lb.
Cyprus, ½c. per lb.
Indian, 1c. per lb.
Ginger root, Cochin, 3c. per lb.
Jamaica, medium, 2c. per lb.
bright grinding, 1c. per lb.
Henbane leaves, 15c. per lb.
Laurel leaves, Portuguese, 1c. per lb.
Niger seed, 2c. per lb.
Nutmegs, West Indian, 2c. per lb.
Pepper, white, Java Muntok, ⅝c. per lb.
Singapore Muntok, ½c. per lb.
small berry Muntok, ½c. per lb.
red, Sierra Leone, ½c. per lb.
Peru balsam, 10c. per lb.
Sage, Cyprus, 3c. per lb.
Stramonium leaves, 7c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
322.9	313.1	305.1	228.7

Market news that may have developed after this report was sent to press will be found on page 4.

Flowers

Calendula.—Few dealers hold any. Very firm. No replacement.

Clover.—Domestic collection was fair. Cost fairly high.

Elder.—Home production not overly large. Values show strength.

Saffron.—Strong but not specially active.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1941, and the detention of these items by the Food and Drug Administration because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	190	3,243
Belladonna	70	207
Caraway	79	207
Cardamom (cases)	10	2,361
Celery	69	2,476
Coriander	17,813	32,043
Cumin	6,140	15,140
Digitalis (cases)	...	...
Dill	4,318	17,784
Fennel	210	2,304
Henbane leaves (bales)	216	256
Mustard	...	10,017
Poppy	1,080	3,785
Sage leaves (bales)	1,733	9,241
Sesame	5,673	9,556
Stramonium	224	248
Thyme	1,938	15,618

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

CHECK THIS LIST

OF HOPKINS' PROFESSIONALLY MILLED, ANALYZED, HIGH STANDARD

CRUDE DRUGS

The earth contributes and J. T. Hopkins & Company distributes every foreign and domestic botanical drug for which there is a commercial demand. A few of the many botanical drugs, ready for prompt or contract shipment from our New York City warehouses and mills, follow:

✓ALOES
✓ALTHEA ROOT
✓ANISEED
✓ARECA NUTS
✓ASAFOETIDA GUM
✓BENZOIN GUM
✓BUCHU LEAVES
✓CALAMUS ROOT
✓CUDBEAR
✓CINCHONA BARK
✓COCILLANA
✓DAMIANA Select
✓DERRIS
✓DIGITALIS (116% Active)
✓DOGGRASS CUT
✓ERGOT (140% Active)
✓EUPHORBIA PIL.
✓FENNEL SEED
✓GALANGAL ROOT
✓GINGER
✓GUAIAC GUM Glassy
✓HAWTHORNE BERRIES
✓HOREHOUND
✓INSECT FLOWERS
✓IPECAC ROOT
✓IRISH MOSS
✓KOLA NUTS
✓MYRRH GUM
✓OLIBANUM GUM
✓ORANGE PEEL
✓ORRIS ROOT
✓PAPAIN
✓PEPPERMINT
✓PSYLLIUM SEED
✓QUASSIA
✓QUINCE SEED
✓RHUBARB ROOT
✓SARSAPARILLA
✓SENEGA ROOT
✓SENNA LEAVES
✓SQUILLS
✓STRAMONIUM
✓UVA URSI
✓WILD CHERRY BARK
✓PALE ROSE BUDS

◆ ◆ ◆ ◆ **QUOTATIONS AND SAMPLES ON REQUEST** ◆ ◆ ◆ ◆

J. L. HOPKINS & CO.

IMPORTERS, MILLERS AND MANUFACTURERS OF PROFESSIONALLY MILLED, ANALYZED CRUDE DRUGS

Boston Philadelphia — **220 BROADWAY, NEW YORK CITY** — San Francisco Memphis Los Angeles

When writing for information, prices or samples of KELCO Algins, please specify use or uses for which these products are intended.

It PAYS to use KELCO Algins

KELCO Algin products have the property of forming highly viscous solutions or colloidal suspensions when mixed with water. This makes them ideal for use as bodying, suspending, stabilizing and emulsifying agents.

Only a very small amount of KELCO Algin is required. The cost per unit of your finished products is low.

Made in U.S.A. from domestic raw materials to exact, rigid specifications, uniform quality KELCO Algins are always available for prompt and uninterrupted delivery.

These Algin products are ready to use — no boiling, filtering or other special handling is required.

It *pays* to use KELCO Algin products.

Use KELCO Algins

in Textile Printing—pastes, discharge pastes, direct dye printing, etc.

in Cosmetics—shave creams, tooth pastes and powder, lotions, hand jelly, ointments, soapless shampoo, etc.

in Latex Adhesive mixtures

in Boiler Compounds

in Suede Leather—leather dressings

in Cold Water Paints

or wherever a gum, gum-like material, or hydrophilic colloid is required.

KELCO REFINED ALGIN PRODUCTS

KELCO COMPANY

75 EAST WACKER DRIVE CHICAGO — 31 NASSAU ST. NEW YORK — 530 W. SIXTH ST. LOS ANGELES

WHEN IT'S 1 A.M. IN NEW YORK
IT'S NOON IN HONG KONG

While we are asleep the markets of the Far East are teeming with life. Easily recognized by their unceasing activity are the Prentiss buyers, who are redoubling their efforts to discover new supplies of hard-to-get Botanical Drugs. But even these unceasing labors cannot offset the impending shortage of certain imported commodities and we suggest that you 'phone us now concerning the status of the Botanical Drugs you will be needing shortly.

TIME TO CALL PRENTISS

THE R. J. PRENTISS & CO., INC. THE WORLD IN BOTANICALS

R. J. PRENTISS & CO.
80 JOHN STREET, NEW YORK CITY

MORTEZA KHOSROVSCHAHI
General Exporter and Importer
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Near East and Orient
Specializing in Gum Tragacanth
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Gums
IMPORTERS AND EXPORTERS:
GUM ARABIC GUM TRAGACANTH
LOCUST BEAN GUM GUM KARAYA
MENTHOL CRYSTALS (U.S.P.) JAPAN WAX
PAUL A. DUNKEL & CO., INC.
82 WALL ST., NEW YORK, N.Y. HANOVER 2-3750
Representatives:
CHICAGO: J. H. DeLAMAR & SON, 160 E. ILLINOIS ST.
NEW ENGLAND: P. A. HOUGHTON, INC., BOSTON, MASS.
PHILADELPHIA: R. PELTZ & CO., 36 KENILWORTH ST.

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring St., New York

Gums

Aloe.—All replacement costs maintained strongly. Good local call.

Arabic.—Local market fairly competitive. Moderate reserve created. Prices hold.

Mastic.—Stocks low. Near disappearing point.

Tragacanth.—Demand fair to good. Prices apparently steady.

Herbs and Leaves

Belladonna. — Domestic production disappointing. No surplus. Selling around $3.45 per pound.

Henbane.—New stock lower at $3.25 per pound.

Laurel.—Portuguese material shaded to 21c. to 22c. per pound.

Sage.—Cyprus item reduced to 77c. to 80c. per pound.

Thyme.—French advanced sharply to 89c. to 94c. per pound.

Miscellaneous

Ergot.—Stocks appear ample. Prices turn steadier.

Irish Moss.—Domestic production obtained at fairly high cost. Was not large.

Kola Nuts.—Holding very steady. Demand normal.

Nux Vomica.—Replacement costs strong. No shortage yet.

Roots

Belladonna.—Higher at $2.65 per pound.

Doggrass.—Cut root around 90c. to $1 per pound. Not too well supplied.

Licorice.—Dealers quote Indian root at 28c. per pound. Can be bought under that figure.

Valerian.—U.S.P. root, $1.15 to $1.20 per pound. Eastern root, 75c. to 80c. Both strong.

Seeds

Anise.—Spanish shaded to 35c. to 36c. per pound. Cyprus down to 32½c. to 33c. Turkish off to 32c. to 32½c.

Caraway.—A single bag brought 82c. per pound. Reoffered at $1.10.

Celery.—Indian down to 41c. to 43c. per pound.

Cumin.—Morocco and Cyprus seed lower at 18c. to 18½c. per pound. Indian shaded to 16c. to 16½c.

Gold of Pleasure.—Higher at 19c. to 20c. per pound.

Niger.—New arrivals break market to 13c. to 14c. per pound.

Spices

Clove.—Zanzibar minimum at 15½c. to 16c. per pound.

Ginger.—African firm. Cochin lower at 22c. to 22½c. Medium Jamaica down to 38c. to 39c.; bright grinding, cheaper at 35c. to 35½c.

Pepper.—White peppers down. Java Muntok, 9⅝c. to 10c. per pound; Singapore Muntok, 9c. to 9½c.; small berry Muntok, 8¾c. to 9¼c. Japanese chillies up to 28½c. to 29c. Sierra Leone down to 23½c. to 24c.

Trading in black pepper futures on the New York Produce Exchange from November 15 to November 21, inclusive, comprised 215 contracts. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	5.86	5.84	5.80@5.83
March	6.07	5.92	5.92@5.94
May	6.16	6.00	6.00@6.04
December	9.90	9.76	9.75@9.76

Pimento.—Steady, temporarily it is said.

Peoples Drug Stores, Washington, October sales amounted to $2,470,404, against $2,109,634 in October last year.

MM&R FLAVOR OILS
and SPICE OILS
For flavor control, hundreds of food producers are using MM&R Quality Flavors and Spice Oils. Standard flavors and special formular flavors. Quotations and testing samples on request.
MM&R ECONOMY POINTER
MAGNUS, MABEE & REYNARD, INC.
16 DESBROSSES ST. NEW YORK, N.Y.

Pehuajo Is in Argentina

The geography of Latin America is not so well known in the United States as it should be. So, although regretful, it is not unique that OPD located Pehuajo in Brazil, instead of Argentina, in referring (November 10, page 78) to the dedication of the new botanical-drug drying and packing plant of Plantadroga Soc. de Resp. Ltda. OPD regrets any inconvenience or disappointment its error may have caused such of its readers as may have attempted to communicate with the Argentine company.

The headquarters postal address of Plantadroga Soc. de Resp. Ltda., is Casilla de Correo 337, Buenos Aires, Argentina; its cable address is Botanico, Buenos Aires.

'Priorities' Discusses Alcohol

An article on alcohol appears in the November number of *Priorities*, published by Prior Chemical Corporation, this city. The sources of alcohol are mentioned and the importance of the latter as a chemical is indicated. The noteworthy uses are also given and the tax angle and its bearing on industrial applications are noted.

Sager Joins Glyco

David Sager has been appointed technical representative for the Glyco Products Company in Philadelphia. In this capacity Mr. Sager will be associated with Leonard S. Levitt, sales-manager of the Philadelphia area, with offices in the Franklin Trust building. Mr. Sager obtained his B.S. degree in chemistry at Franklin Marshall College, and was subsequently employed as chief chemist for the Volcocite Company.

Borden Forms Vitamin Div. And Buys Fish Livers Company

The Borden Company, this city, has created the Borden Vitamin Company Division to produce and sell vitamins. Charles F. Kieser is president of the new division and Harry McNeilly, vice-president and general manager.

The Borden Company has also purchased the Farallone Packing Company, San Francisco and Vancouver, which organization is engaged in handling fish livers for vitamin needs and also packs canned fish.

Exchange
OIL of LEMON
CALIFORNIA COLDPRESSED

An American-made oil, *made* for American tastes. The true-fruit flavor, unvarying strength, excellent solubility and sparkling clarity of "Exchange" Brand OIL OF LEMON USP make it a good "buy" at any price . . . and especially at today's quotations. Order now while

SIX MONTHS' CONTRACTS ARE STILL AVAILABLE!

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.

Essential Oils, Aromatic Chemicals

Eighty Tons Citronella Lost When Ship Goes Down at Sea —Peppermint Advance Strong—No Cassia Offered From Source—Anise Up—Dill Higher

Price activity was all in one direction in the market for essential oils and aromatic chemicals last week—upward. Pressure of high volume demand on low volume stocks caused values to bulge still further, and the end did not appear to be in sight.

Difficulties prevailing on replacement stocks in primary markets still open to United States importers were, on the whole, worse than they had been—and they have been plenty bad for many months. An instance was the recent loss of a ship at sea that sent a raft of citronella oil to the bottom along with other badly needed merchandise. Lack of cable offerings became more and more common, and the replacement situation was such that even one or two drums of oil, if actually afloat, became highly important in the general market picture.

Advancing prices were noted on anise, caraway, citronella, dill weed, geranium, guaiacwood concrete, lemongrass, nutmeg, and peppermint. Of course, the peppermint position was a dominant one. Primary market prices were virtually those at which small spot lots moved into consumption. Dealers here often tried to hold the upswing of prices in check, but those in the primary market seemed to have the situation well in hand, and expressed confidence that the end of the advance was far from being in sight.

Essential Oils

Almond.—Supplies short. Market strong. Demand good.

Anise.—Higher at $1.10 to $1.15 per pound. Future arrivals tied up with what Japan does in Far East.

Bois de Rose.—Very strong. Forward position gain strength. Prices tend higher.

Caraway.—Limited stocks still in existence. Price higher at $15 to $16 per pound.

Cassia.—Replacement offerings lacking from source. Only offering by agents last week was two drums afloat. Limited spot quantity quoted $7.75 to $8 per pound. Some dealers refuse business under $8.

Citronella.—Reported 80 tons lost at sea. Market higher. Ceylon, drums, 85c. to 90c. per pound. Java, 80c. to 85c. Stocks limited.

Dill.—Far West raises its prices. Spot weed oil up to $6.50 to $7 per pound. Stocks moderate.

Eucalyptus. — Strong undertone. Good demand. Replacement costs tend upward.

Guaiacwood (Concentrate). — Upward tendency pronounced. Some sellers develop reserve in matter of offerings.

Price Changes

Advanced

Anise, 5c. per lb.
Caraway, $1 per lb.
Citronella, Ceylon, 5c. per lb.
Java, 5c. per lb.
Dill, weed oil, 50c. per lb.
Geranium, $1 per lb.
Guaiacwood, 35c. per lb.
Lemongrass, 15c. per lb.
Mace, 35c. per lb.
Nutmeg, 35c. per lb.
Peppermint, 25c. per lb.

Reduced

None

Comparative Values

Index numbers complied from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
235.8	231.9	227.8	162.3

Market news that may have developed after this report was sent to press will be found on page 4.

Benzaldehyde

All the materials that may be used as the starting point for making benzaldehyde are scarce. Three processes are:—(1) by heating benzal chloride under pressure with calcium hydroxide and calcium carbonate; (2) by treating benzene with a gaseous mixture of carbon monoxide and hydrogen chloride in the presence of cuprous chloride or aluminum bromide; and (3) by oxidization of toluene with lead dioxide and sulphuric acid, followed by distillation.

Two years of war have brought scarcity of benzaldehyde but no change in quotations on the N. F. article; the price is still 85c. But the change from ample supply to insufficient stocks has been acute.

In World War No. 1, the picture was different. After two years of the war, prices reached $5.50 per pound; they started at 45c. in August, 1914. As high as $6.50 per pound was paid before the end of the conflict and the market at the end of 1918 was $3 per pound.

Geranium.—Little remains of last arrivals. Dwindling stocks higher at $17 to $18 per pound.

Lavandin.—None known to be available.

Lavender.—Smallest kind of stocks constitute unsold reserve. Quotations virtually nominal. Subject to confirmation.

Lemon.—Market somewhat routine. Fully firm in all respects. Domestic oil still maintained in stable position.

Lemongrass. — Growing scarce. Strongly held at price advance to $2.25 to $2.30 per pound. Little available at any price.

Lime.—Stocks low. Prices strong, all markets. Market upward tendency.

Mace. — Fetching around $2.50 per pound with no difficulty. Demand normal.

Nutmeg.—Numerous sales confirmed at $2.50 per pound. Undertone very firm. Tendency still upward.

Orange.—Supply situation in fair shape. Brazilian oil selling freely. Demand conservative but above normal for season.

Palmarosa. — Very good demand. Very steady prices. Costs tend higher.

Peppermint.—Spot advanced. Natural, $4.50 to $4.75 per pound. Redistilled, $4.75 to $5. Country dealers asking $4.50 minimum. Are paying $4 to farmers.

Dealers at source watching menthol market closely. Checking prices almost daily. Generally believed here that producers have situation well in hand. Much higher prices seem almost certain.

Aromatic Chemicals

Anethol.—Advancing cost raw material bring added strength to market. Firmer view taken all around.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

Extreme Shortage of GENUINE FRENCH ROSEWATER highlights the many advantages of

ROSESOL MM&R

A water soluble concentrate (1 oz. makes a gallon of Rosewater higher in quality and lower in cost than Rosewater U. S. P.)

FEATURES: Rosesol MM&R is a 47% alcohol solution containing definite quantities of Otto of Rose and isolates. It is not subject to bacteriological spoilage. Will not freeze. Dissolves clearly without filtration.

Sample and price schedule on request

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Essential Oils, Balsams, Aromatic Chemicals, Concentrated Flavors . . . Since 1895

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CHICAGO: 221 North La Salle Street

CANADA: Richardson Agencies, Ltd., 454 King St., W., Toronto

OIL OF CLOVES
OIL OF NUTMEGS

Two of the most important items in our Factory. We can guarantee to furnish you with the highest quality obtainable.

GEORGE LUEDERS & CO.
427-429 WASHINGTON ST., NEW YORK
Branches: Chicago, San Francisco, Montreal *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
IMPORT **ESSENTIAL OILS** EXPORT
162-164 Front Street Established 1896 New York City

BAYONNE COMPANY, Inc.
404 Fourth Ave. New York City
Tel. MUrray Hill 5-0250-1-2
AROMATIC CHEMICALS
ESSENTIAL OILS
BASIC PERFUME MATERIALS

CITRAGOLD BRAND OILS
ORANGE LEMON LIME and GRAPEFRUIT
E. A. SILZLE CORPORATION
1300 W. 8th ST. Cable Address: CITRAGOLD Los Angeles LOS ANGELES, CALIFORNIA

BENZALDEHYDE
N. F.
MANUFACTURED BY
VAN SCHAACK CHEMICAL WORKS, INC.
3430 Henderson Street Chicago
Eastern Representative: Robert & Co., 25 Broad St., New York

TOMBAREL
Supreme Flower Essences
Surfine Essential Oils
Basic Perfume Materials
Special Perfume Creations for All Purposes
TOMBAREL PRODUCTS CORP.
9-11 East 19th Street : : : New York, N.Y.

Anisic Aldehyde.—Costs tend higher as raw material advances.

Benzaldehyde.—Stocks engaged well ahead of production. Not a pound of surplus. Output controled by raw material insufficiency.

Cinnamic Aldehyde.—Strong. In low supply and high demand.

Cinnamic Alcohol.—Only small lots available in open market. Production well sold ahead.

Citral.—Sellers reserve. Have little unsold. Prices firm.

Citronellal.—Output restricted by insufficient raw material supplies.

Citronellol.—Demand finds tough going in market of low supply.

Diphenyl Oxide.—Very firm. Demand somewhat above normal. Stocks conservative.

Ethyl Vanillin.—Demand very active. Prices show firmness.

Eucalyptol.—In moderate supply. Costs tend higher in keeping with raw material advances.

Eugenol.—No weakness. Good demand. Stocks not excessive.

Geraniol.—Good demand. Buyers covering as far ahead as producers can supply.

Heliotropine.—Very scarce on open market. Potential output well engaged. Values virtually nominal.

Hydroxycitronellol.—Scarcity unrelieved nor likely to be soon. Makers have little if any prompt delivery material.

Linalool.—Stocks low. Cannot be increased much or soon. Lack sufficient raw material. Demand excellent.

Linalyl Acetate.—Prices subject to confirmation on prompt delivery merchandise. Market undersupplied because of raw material insufficiency.

Methyl Anthranilate.—Raw material not too well supplied. Demand for finished product excellent. Very firm.

Methyl Cinnamate.—Sellers able to deliver only small lots on prompt delivery orders. Quotations show strength.

Methyl Salicylate.—Believed that leading producers keep regular consumers fairly well supplied. No surplus stocks.

Ray C. Brewster, formerly sales manager of the Home necessities department for E. R. Squibb & Sons, has been appointed general sales manager for the House of Westmore, Inc., cosmetics.

OIL of PEPPERMINT
Of American Origin Only
A. M. TODD COMPANY
KALAMAZOO, MICHIGAN

MORE IMPORTANT THAN EVER!
Javonella
PERFECT FOR PERFUMING
• LAUNDRY SOAPS • WASHING POWDERS • LIQUID CLEANSERS • POLISHES, ETC.
EVEN when oil of citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is high in price and difficult to get, JAVONELLA is more important than ever before.
WRITE FOR SAMPLE AND QUOTATION
FELTON Quality
FELTON CHEMICAL COMPANY, INC.
599 JOHNSON AVE., BROOKLYN, N.Y.
Branches in Principal Cities
Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume and Flavor Oils

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Four-hundred-first instalment

Printing Inks

Colors, Organic, for Printing Inks

(Continued from November 17 issue)

Diamond yellow
Dioxime
Eosin extra AG
Eosin extra, concentrated
Erythrosin, yellowish
Fast yellow light
Fluorescein
Fluorescent blue
Fuchsin
Fuchsin S
Gallotannic acid
Green crystals extra
Hydrazo dyes
Imidoquinone dyestuffs
Indigo carmine
Indigotin
Indogenide
Indophenol
Indulin
Ink blue 3G, 2G, and G
Lithol reds
Malachite green
Metanil
Metanil yellow
Methyl violet
Methylene blue N
Milori blue
Naphthal blue-black
Naphthalene black
Naphthalin green V concentrate
Naphthol green
6-Naphthol reds
Naphthol yellow
New fuchsin
Nigrosin
Nile blue A
Nitro dyes
Nitroso dyes
Orange R
Orcin
Oxyketone
Paranitroanilin red
Paraphenylene blue
Pararosolic acid
Patent blue LVA, AGL
Phenol blue 3F
Phloxin
Phosphotungstic lakes of basic dyes
Picric acid
Ponceau RR
Posphin
Primulin
Purple lakes
Pylakrome oil-soluble
Pylam creso red
Pylam, water-soluble
Pyronin
Quercetin
Quinolin yellow
Rhodamine extra
Rhodamine extra B
Rhodamine O
Rosolic acid
Rubramine
Saffron
Safranin
Solid yellow N
Soluble nigrosin
Sudan dyes
Sulphonated alizarin
Syan
Tannic acid
Tannin
Tartrazin
Thiazol yellow
Thiocarmine
Toluidin toners
Victoria blue G
Victoria yellow
Violamine
Wool blue extra B
Wool printing black NB

Driers for Printing Inks

Aluminum linoleate
Aluminum oleate
Aluminum palmitate
Aluminum resinate
Aluminum stearate
Ammonium metavanadate
Calcium linoleate
Calcium naphthenate
Calcium resinate
Calcium stearate
Cobalt acetate
Cobalt carbonate
Cobalt chloride
Cobalt hydrate
Cobalt japan drier
Cobalt linoleate
Cobalt naphthenate
Cobalt nitrate
Cobalt oxide
Cobalt resinate
Cobalt sulphate
Cobalt sulphocyanide
Cobalt-acetylacetone
Cobalt-benzyldioxime
Cobalt-lead paste
Cobalt-2-nitroso-1-naphthol
Cobalt-nitrosoacetophenone
Copper erucate
Copper linoleate
Copper naphthenate
Copper oleate
Copper resinate
Lead acetate
Lead borate
Lead erucate
Lead laurate
Lead linoleate
Lead naphthenate
Lead oleate
Lead oxide
Lead resinate
Lead stearate
Lead tungstate
Lead-manganese resinate
Magnesium oleate
Manganese acetate
Manganese borate
Manganese carbonate
Manganese dioxide
Manganese hydroxide
Manganese linoleate
Manganese naphthenate
Manganese oleate
Manganese resinate
Manganese stearate
Manganese tungstate
Manganese-lead resinate
Nickel linoleate
Nickel naphthenate
Nickel resinate
Nuodex cobalt
Nuodex lead
Nuodex manganese
Oilsolate driers
Red lead
Soligen cobalt
Soligen cobalt-zinc
Soligen cobalt-zinc-manganese
Soligen lead-cobalt
Soligen lead-cobalt-manganese
Soligen manganese
Soligen special CP
Soligen zinc-manganese
Zinc soaps

Odorants for Printing Inks

Acetaldehyde
Acetophenone
Ajonc
Amyl acetate
Amyl benzoate
Amyl butyrate
Amyl cinnamate
Amyl salicylate
Amyl valerianate
Amylcinnamic aldehyde
Analine
Anise
Anise oil
Anisic aldehyde
Aubepin S
Bay oil
Benzaldehyde
Benzophenone
Benzyl acetate
Benzyl alcohol
Benzyl butyrate
Benzyl formate
Benzyl phenylacetate
Benzyl propionate
Bergamot oil
Betanaphthol
Betanaphthol ethylether
Bois de rose oil
Borneol
Borneol acetate
Bouquet 1932, 61933, 9-F, 1221, 72033, 92633, 12334M, 163313B, 11334M, 12634M, 31234M, 5234M, and 32934M
Bouquet dechene
Bouquet de fleurs
Bouquet B (57, 83, 85, 95, 112 and 115)
Bouquet P (175, 222, 231, 352, 361, 370, 383, 384, 386, 408, 413, 420, 423, 428, 469, 470, 471, 483, 492, 494, 495, 504, 505, 526, 530, 533, 555, 578, 579, 582, 583, 638, 652, 654, 5010, 5133, and 51633)
Bouquet pine
Bouquet Russe Imperial
Bromelia
Bromostyrene
Camphor oil
Capriol
Caprol
Carnation P134, P425, 6689, 4673
Cassia
Cedarleaf oil
Cinnamic alcohol
Cinnamic aldehyde
Cinnamol
Cinnamon
Cinnamyl acetate
Citral
Citral A
Citrene
Citronellal
Citronellol
Clematite
Clove oil
Clover buds 62034A
Clover H
Clover June
Clover Virginia A
Compose 889FM
Coriander oil
Corylopsis
Coumarin
Cuir de Russe
Cularia 6475
Cuminic aldehyde
Decoic alcohol
Decoic aldehyde
Dianol
Dimethyl anthranilate
Dimethylresorcinol
Diphenyl ether
Diphenyl oxide
Diphenylmethane
D.K. bouquet
D.K. fleurs
D.K. supreme
D.L. oil
Duodecoic alcohol
Duodecoic aldehyde
Easter lily supreme
Eglantine
Elanthus
Ethyl anisate
Ethyl anthranilate
Ethyl benzoate
Ethyl cinnamate
Ethyl salicylate
Ethylbetanaphthol ether
Ethylidenemethylacetophenone
Eucalyptal
Eugenol
Fad tonic oil
Fleur de Cannes
Fleur de Narciss
Fleurs Choralle
Floranol
Flore reale 5 and 9
Florene
Floro desiree
Foin coupe
Foin nouneau
Foison florer
Forestal
Fougere D, 57, P-364, 6086, 6193
Fraise synthetic
Frangipanni, imitation

(To be continued)

Petroleum Products

Refined Petroleum Products Move Along Routine Lines—Scarcity Continues to Feature Many Products—All Prices Firm and Unchanged—Texas December Oil Allocation Increased

The market for refined petroleum products was moving in a routine groove last week, only slightly disturbed by the interlude of the holiday. In the aggregate, tonnage shipped into consumption was well maintained. Inquiries were active for most products and continued scarcity was reported in several. Among the latter were butane, propane, lacquer diluent, paraffin, white mineral oils and petrolatums. Prices were mostly firm with no changes made during the week.

The United States Bureau of Mines set the December allocation in Texas at 1,479,000 barrels daily. This represents an increase of 25,000 barrels daily from November. The increase was urged at a state-wide hearing attended by representatives of nearly all of the Texas fields.

Solvents and Diluents

Aromatic Naphthas. — Very tight. Prices steady.

Lacquer Diluent.—Demand heavy. Offerings limited. Stocks low.

Mineral Spirits.—Good call. Price firm.

Rubber Solvent.—Movement well maintained. Tone stable.

V.M.& P. Naphtha.—Heavy demand. Prices unchanged.

Markets at Other Centers

Chicago—Nov. 21

Demand is extensive, and movement on the whole is good, with bidding by buyers for additional quantities.

Aromatic Naphthas.—Good demand, market tight.

Cleaners' Naphtha.—Call active, prices firm.

Lacquer Diluent.—Interest brisk, with no price change.

Mineral Spirits.—Active demand, quotations unchanged.

Rubber Solvent.—Inquiry moderate, market holding.

Stoddard Solvent.—Good movement, no change in price.

V. M. & P. Naphtha.—Active interest, prices holding firm.

New Orleans—Nov. 21

A seasonal demand continued to be experienced on cleaning solvent and V. M. & P. naphtha, with prices exhibiting the usual stable trend.

Cleaning Solvent.—Demand routine; price steady.

V. M. & P. Naphtha.—Market normal; no change in price.

San Francisco—Nov. 21

Little of new feature to report. Prices have not changed.

Aromatic Naphthas.—Demand good.

Petroleum Thinners.—Demand active.

Lacquer Diluent.—Production moving steadily into consumers' hands.

V. M. & P. Naphthas.—Active.

Rubber Solvent.—Routine.

Stoddard.—Very fair.

Cleaners' Naphtha.—Routine.

Tulsa—Nov. 21

Activity for specialties continued at a fairly high level this week.

Cleaner's Naphtha.—Good demand, prices firm.

Stoddard Solvent.—Shipments heavy, prices steady.

Wax

Production of petroleum wax in September totaled 66,360,000 pounds, against 54,320,000 in August and 39,760,000 in September, 1940. Imports during the month totaled 1,206,000 pounds, compared with 813,000 in the previous month and 7,325,000 in September, 1940. Domestic demand amounted to 53,831,000 pounds, against 54,027,000 in August and 37,988,000 in September last year. A total of 20,101,000 pounds were exported, compared with 16,716,000 in August and 11,428,000 in the previous September. Stocks at the end of the month were 79,458,000 pounds in September, 85,824,000 in August and 110,028,000 in September, 1940.

Price Changes

Advanced

None

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

V. M. & P. Naphtha.—Orders brisk, prices unchanged.

Mineral Spirits.—Fair activity, prices steady.

Lacquer Diluent.—Orders numerous, prices strong.

Rubber Solvent.—Market quiet, prices steady.

Lighter Fractions

Butane. — Very scarce. Demand large. Price strong.

Heptane. — Heavy call reported. Shipments large. Price steady.

Hexane.—Better than normal demand. Price firm.

Pentanes. — Buying satisfactory. Price firm.

Propane.—Scarce and in heavy demand. Price strong.

Markets at Other Centers

Chicago—Nov. 21

Call is good, with supplies generally not very extensive and with additional offerings limited.

Butane.—Heavy call, prices strong.

Heptane.—Good demand, market firm.

Hexane.—Interest extensive, no price change.

Octanes.—Orders good, prices stiff.

Pentanes. — Demand good, market strong.

Propane.—Supply limited, market stiff.

Tulsa—Nov. 21

Scarcity of all light fractions continued, with buyers bidding steadily.

Butane.—Offerings scarce, prices strong.

Propane.—Good bidding, prices unchanged.

Pentane.—Buyers active, quotations unchanged.

Petrolatums and Waxes

Paraffin.—No new developments. Tight and firm.

Petrolatums.—Heavy demand. Price steady.

White Mineral Oils. — Good call. Offerings limited.

Markets at Other Centers

Chicago—Nov. 21

An active demand is reported for most products. Tone of the market generally is firm.

Paraffin.—Material scarce, prices firm.

Petrolatums.—Demand heavy, market strong.

White Mineral Oils.—Limited offerings, no price change.

Tulsa—Nov. 21

Demand for wax still continues active, while supplies are limited.

Paraffin. — Heavy shipments, prices strong.

Petrolatum.—Normal demand, quotations unchanged.

Fuels and Lubricants

Gasoline.—Fair call. Price steady.

Kerosene.—Little of new interest. Conditions unchanged.

Lubricating Oils. — Pennsylvania grades in heavy demand. Prices firm.

Markets at Other Centers

Chicago—Nov. 21

Demand is holding up, even for gasoline in unseasonable weather.

Gasoline.—Demand good, market quiet.

Kerosene.—Buying fair, prices mark time.

Lubricating Oil.—Interest good, quotations firm.

New Orleans—Nov. 21

Gasoline and kerosene moved along routine lines during the past week, quotations continuing steady and unchanged.

Gasoline.—Demand normal; prices unchanged.

Kerosene.—Market slow, price stable.

Tulsa—Nov. 21

Fair gasoline demand was reported this week.

Gasoline. — Trading active, prices steady.

Kerosene. — Good call, quotations strong.

Lubricants. — Scarcity in supplies, prices strong.

Aviation 'Gas' Plants Given High Priority Rating

On recommendation of the Office of Petroleum Coordinator for National Defense, high priority ratings for materials have been obtained on five additional plants which will produce either 100-octane aviation gasoline or the materials which go to make up this fuel.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 9

Association meetings:—

Chemical Show, Grand Central Palace, New York, Dec. 1 to 6.

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Container Makers To Get Raw Materials

—*Continued from page 3*

program, is Preference Rating Order P-76. It extends a rating of A-4 to deliveries of the sheet steel to drum manufacturers for the purpose of replenishing the original inventory. Any sheet steel acquired with its assistance must be held under the same conditions as the originally designated inventory.

A manufacturer is not required to set aside more than the original reserve inventory, and he is not required to replace it. If he wishes to do so, however, he can use the preference rating extended by Preference Rating Order P-76 to acquire the necessary stock.

Wooden Containers

In a move to facilitate the operations of the cooperage and wooden container industries, and also to lend assistance to the production of paperboard containers, the Priorities Division has issued Preference Rating Order P-79, extending to manufacturers in these fields priority assistance in obtaining the necessary hardware, including wire and nails, saws, knives, and other tools.

Makers of all types of wooden barrels and kegs, and containers made from sawed lumber, veneer or plywood, and of paperboard containers, are included within the terms of the new order, which becomes effective today. A rating of A-5 is assigned to the deliveries of ferrous material, defined in the order as "any products made principally from iron or steel," except wire, to delivery of which an A-8 rating is applicable.

Laboratory Chemicals Producers Get A-5

—*Continued from page 4*

required for packaging the equipment for delivery, as well as to those elements entering into its manufacture.

A producer to whom the order has been issued may extend it to a supplier, if necessary, by executing an additional copy in the manner prescribed. A previous order, P-43, extended to certain accredited laboratories engaged in scientific research a preference rating of A-2, and is applicable to orders placed by them for essential materials. The new order, however, specifically aids producers of certain equipment which the laboratories require.

Research Symposium To Be Held December 1

—*Continued from page 4*

United States Department of Agriculture; Dr. R. W. Trullinger, Office of Experiment Stations, United States Department of Agriculture; G. W. McCuen, Ohio State University; Theo. Brown, Deere & Co.; George Krieger, Ethyl Gasoline Corporation; H. J. Barre, Bureau of Agricultural Chemistry and Engineering, United States Department of Agriculture; J. A. Slipher, Ohio State University; R. M. Merrill, Bureau of Agricultural Chemistry and Engineering, United States Department of Agriculture; C. J. Hurd, Tennessee Valley Authority; John A. Scholten, Forest Products Laboratory, United States Department of Agriculture; Dr. F. A. Brooks, California Agricultural Experiment Station; C. E. Ramser, Soil Conservation Service, United States Department of Agriculture; Dr. R. E. Yoder, Ohio Agricultural Experiment Station; D. G. Carter, University of Illinois; Dr. J. B. Davidson, Iowa State College; L. J. Fletcher, Caterpillar Tractor Company; A. W. Clyde, Pennsylvania State College; F. W. Duffee, University of Wisconsin; L. F. Livingston, E. I. du Pont de Nemours & Co.; E. W. Lehmann, University of Illinois; C. A. Frye, Soil Conservation Service.

Diamond Alkali Forms Magnesium Subsidiary

Diamond Magnesium Company has been formed as a subsidiary of the Diamond Alkali Company, Pittsburgh. The new subsidiary will operate the $16,000,000 magnesium plant for the government, which will be built adjacent to the Painesville, Ohio, plant of the Diamond Alkali Company.

Anhydrous Ammonia Plant Opened in West Va.

The Morgantown Ordnance Works, Morgantown, W. Va., was formally opened November 17. This plant, built at a cost of more than $38,000,000, will produce anhydrous ammonia, used in the manufacture of high explosives for ammunition. It is the first of the new ammonia plants being built and operated by the army to begin operations, and is one of the two largest of its type in the world.

J. Robert Fisher, of the Millmaster Chemical Company, this city, recently married Elizabeth Vernon, of Middletown, N. Y.

Fertilizer Materials

Fertilizer Trade Interrupted by Holiday and NFA Convention —Imported and Domestic Blood Advanced at New York —Chemicals Remain Tight with Scarcity Reported

Quiet prevailed in the market for raw fertilizer materials last week. The interlude of the holiday tended to slow down transactions in most sections of the market. Coupled with this many men in the trade attended the Southern convention of the National Fertilizer Association in Atlanta and their business activities consequently were restricted.

Sole change of the week was a small advance in dried blood at New York, both domestic and imported. Movement of most organic products remained only fair. Chemicals were unchanged, with tightness continuing in sulphate of ammonia, superphosphate and nitrate of soda. Potash salts were moving to contract customers in good manner but there were few spot offerings.

Nitrogenates

Ammonia Phosphate.—Scarce. Price nominal.

Castor Pomace.—Fair demand for domestic. Tone stable.

Dried Blood.—Domestic advanced 5c. per unit at New York to $4.20. Imported product similarly advanced to same level.

Fish Scrap.—About 200 tons of dried menhaden sold at previous price. Demand fair.

Nitrate of Soda.—Good call. Market tight.

Sulphate of Ammonia.—Few offerings in open market. Price steady.

Tankage.—Good call. Prices steady.

Potashes

Delivery of potash salts remained large last week, with movement to contract customers featuring the market. Spot offerings were limited by short supplies. Prices were steady and unchanged.

Phosphates

Bone Materials.—Fair call. Prices steady.

Phosphate Rock.—Good movement. No price changes.

Superphosphate. — Market tight. Stocks low. Prices unchanged.

Sulphur and Pyrites

Crude sulphur movement was normal during the past week, despite the holiday interlude. Shipments were heavy. Inquiries were well maintained. Price was firm and unrevised.

Markets at Other Centers

Atlanta—Nov. 21

Interest in fertilizer materials centers largely in Atlanta this week where the subject is the uppermost topic in convention addresses and private discussions at the annual meeting of the National Fertilizer Association.

Superphosphate.—61½c. per unit.

Nitrate of Soda.—Bulk, $30 per ton, ports.

Sulphate of Ammonia.—$29 per ton, ports.

Cottonseed Meal.—8 percent grade, $38 per ton, Southeast.

Nitrogenous Tankage.—$2.25 per unit, Midwest.

Phosphate Rock

Production of all phosphate rock in the first half of 1941 totaled 2,398,089 long tons, compared with 1,941,833 tons in the corresponding period of 1940. There were no imports in the period under review as compared with 1940 January-June imports of 2,950 tons. Apparent consumption of phosphate rock in the first half of this year was 1,732,723 tons, against 1,566,914 in the first half of 1940. Stocks in producers' hands on June 30 totaled 1,867,000 tons in 1941 and 1,858,000 in 1940.

Price Changes

Advanced

Blood, dried, dom., 5c. per unit, f.o.b. N. Y.
Imp., 5c. per unit, f.o.b. N. Y.

Reduced

None.

Comparative Values

Index numbers compiled from four typical fertilizer materials, on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.6	**70.6**	**70.6**	**67.3**

Market news that may have developed after this report was sent to press will be found on page 4.

Tankage.—So. Am., $4.40 and 10c. per unit, ports.

Blood.—So. Am., $4.20 per unit, ports.

Baltimore—Nov. 21

Activity in the market for crude fertilizer materials is held within decidedly moderate proportions, and sellers refrain from trying to push business at the expense of returns.

Fish Scrap.—About 200 tons of scrap have been disposed of at $4.75 and 10c. per unit-ton.

Tankage.—The market for this material is quiet and unchanged, with some supplies at $4.50 and 10c. per unit-ton for unground, but with no takers.

Superphosphate. — New developments in the trade are lacking, with the demand moderate and with the nominal quotations still at $9.50 per ton for run-of-pile and $10 per ton for 16 percent material, while 20 percent supplies are held at $12 per ton.

Sulphate of Ammonia. — Conditions have not undergone any modification, with domestic trading still being done around $29 per ton. Exports negotiated at $41.50 to $42 per ton as licenses are obtainable.

Chicago—Nov. 21

The fertilizer materials market is quiet, with few basic changes indicated. Movement of most representative products continues to be at a good overall rate. Blood is in good call. Inquiry has improved a little for tankage.

Blood.—Principal grade $4.50 per unit.

Tankage.—High grade, $4.50 and 10c.; hoof meal, $3 to $3.05; liquid stick, $2 to $2.25.

Bone Materials. — Ground, steamed bone, 1¼c. and 60 percent, $40 to $41; 3 and 50 percent, $38 to $39; 4½ and 50, $39 to $40; grinding hoofs, pigs' toes and waste horn materials, $40 to $42.50; cattle jaws, skulls and knuckles, $40 to $45; pork cracklings, soft pressed, $55 to $57.50; beef cracklings, soft pressed, $52.50 to $55; hard pressed cracklings, per unit of protein, $1 to $1.05.

San Francisco—Nov. 21

This market was largely unchanged during the week and trade requirements were not being made known in any important fashion. Within the last day or two quotations were averaging higher on fish meal, influenced possibly by the presence of storms off central California which slowed up fishing operations. Light reselling of chemicals was said to have been in evidence in some quarters.

Sulphate of Ammonia.—Resellers said to have been quoting from $50 to $52 per ton.

Nitrate of Soda.—One hundred pound bags, $33 per ton, ex-vessel or warehouse; 167-pound bags, $32.40; bulk, $30.

Superphosphate.—Domestic, 83c. per unit in bulk, f.o.b. San Francisco; bags, 99c.

Fish Meal.—Stronger; better inquiry. San Francisco Bay area production, 67 percent protein, $62 per ton, November shipment; $63 per ton, December forward. Monterey, 65 percent protein, at $60 for prompt; $61 for late November-December forward.

Tankage.—Market steady, somewhat slow. Dry rendered, ground, 50 percent, $50 per ton, f.o.b. cars; 55 percent, $54. Unground, dry rendered, 85c. per unit of protein, f.o.b. cars, South San Francisco. Wet rendered, fertilizer grade, nominally at $3.90 and 10c.

Blood Meal.—About steady. Spot market and close-up deliveries from $4.10 to $4.25 per unit.

Bone Meal.—Prices ranging from $45 to $55 per ton, delivery.

Association meetings:—

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1,755 bgs, Keasley & Matteson
BALSAM—58 cs, I Mezrahi, Barranquilla
47 cs, A Martinez, Barranquilla
50 cs, I Mezrahi, Barranquilla
BAUXITE—1 bg, Hemisphere Mercantile, Inc, Rio de Janeiro
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50 cs, Universal Trading Co
40 cs, F H Cone & Co
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14 cs, Block Bros
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57 cs, Universal Trading Corp
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72 cs, H Rosenhirsh Co
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23 bgs, J L Hopkins & Co
23 bgs, Peek & Velsor
CANAIGRE ROOT—127 bgs, P H Petry & Co, Vera Cruz
48 bgs, Vera Cruz
CANARY SEED—220 bgs, Hinton & Co, Buenos Aires
CASEIN—167 bgs, Nicola Maffia, Buenos Aires
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213 tons, 3 cwts, 1 qt, 26 lbs, Phillip Bros
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COBALT, CRUDE—455 dms, 262 tons, 8 cwts, African Metal Corp
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824 cs, Philippine Desic Coconut Corp
250 bgs, General Food Corp
3,613 cs, Durkee Famous Food
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166 bgs, Philippine Desic Coconut Corp
250 bgs, General Food Corp
6,987 bgs, General Food Corp
1,580 pkgs, Philippine Desic Coconut Corp
499 bgs, Balfour, Guthrie & Co
1,500 bgs, General Food Corp
COCONUT SHELLS—755 bgs, B Berotta, Kingston
COCONUTS—645 bgs, I L Toledano Corp, Cristobal
250 bgs, W & A Leaman, Puerto Prince
CORK—4 bls, Hinrichs & Pearsall
107 bls, Cork Product Co
DISCS—40 bls, Crown Cork & Seal Co
23 bls, United Fruit Co
72 bls, United Fruit Co
SHAVINGS—293 bls, Mundet Cork Corp
421 bls, Mundet Cork Corp
164 bls, Mundet Cork Corp
1,465 bls, Mundet Cork Corp
VIRGIN—350 bgs, Mundet Cork Corp
900 bgs, Mundet Cork Corp
1,885 bls, United Cork Co
30 bls, Mundet Cork Corp
417 bls, Mundet Cork Corp
248 bls, Mundet Cork Corp
WASTE—300 bls, Mundet Cork Corp
WOOD—90 bls, L Pardo & Co
120 bls, Atlantic Pacific Mfg Co
180 bls, Cox & Fahner
640 bls, Mundet Cork Corp
343 bls, Cox & Fahner
181 bls, L Pardos & Co
360 bls, Mundet Cork Corp
657 bls, Mundet Cork Corp
163 bls, Mundet Cork Corp
356 bls, Mundet Cork Corp
COTTON LINTERS—248 bls, Prague Credit Bank, Santos
253 bls, Santos
233 bls, Santos
470 bls, Prague Credit Bank, Santos
140 bls, Buenos Aires
COTTONSEED AND CASTOR MEAL—15,680 bgs, H J Baker Bros, Cerro Azul
CUTTLEFISH BONES—85 cs, Gerhard & Hey
DERRIS ROOT—84 bgs, S B Penick & Co
136 bgs, Ledward, Bibby & Co
DIVI DIVI—1,392 bgs, Guaranty Trust Co, Cartagena
DRAGONS BLOOD—10 cs, E Miltenberg, Inc
DYES, ANILIN—303 bbls, J E Bernard & Co
300 bbls, Heller, Gehrig & Co
300 bbls, Wedeman & Godknecht
85 bbls, Ciba Co
184 bbls, J E Bernard & Co
20 cks, Ciba Co
120 cs, A E Nydegger & Co
38 dms, Ciba Co
123 cs, A E Nydegger & Co
EGG YOLK SPRAY—56 cs, D L Moss & Co
56 cs, D L Moss & Co
100 cs, I R Boody & Co
ERGOT—22 dms, Kachurin Drug Co
45 dms, S B Penick & Co
66 dms, Kachurin Drug Co
FLAXSEED—1,433 bgs, 3,102 bus, Bunge North American Grain Co, Buenos Aires
4,618 tons, 184,720 bus, Bunge North American Grain Co, Buenos Aires
2,663 bgs, 5,856 bus, Leval & Co, Inc, Buenos Aires
4,007 tons, 160,280 bus, Leval & Co, Inc, Buenos Aires
GALANGAL ROOT—100 bls, R J Prentiss & Co
GAMBIER, BLOCK—120 cs, L Littlejohn & Co
CUBE—210 cs, L Littlejohn & Co
140 cs, L Littlejohn & Co
350 bgs, L Littlejohn & Co
GLUE, ANIMAL—200 bgs, Credo Commodities Co, Buenos Aires
BONE—200 bgs, Public National Bank Trust Co, Santos
GLUESTOCK—250 bls, H Remis & Co, Havana
80 bls, H Remis & Co, Havana
63 bls, H Remis & Co, Havana
GLYCERIN—97 dms, Santos
GRAPHITE—1,143 bgs, Asbury Graphite Mills
858 bgs, J F Starkey & Co
250 bgs, J Dixon Crucible Co
1,322 bgs, Paterson, Boardman & Knapp
572 bgs, J F Starkey & Co
572 bgs, Paterson, Boardman & Knapp
GUM, BENZOIN—18 cs, Lindsay Trading Corp
CHICLE—412 bls, Chicle Development Co, Puerto Barrios
72 bls, Chicle Development Co, Puerto Barrios
COPAL—140 bgs, Stroock & Wittenberg Corp
70 bgs, O G Innes Corp
50 cs, Stroock & Wittenberg Corp
105 bgs, France, Campbell & Darling
150 bgs, W H Scheel
DAMMAR—30 cs, J Meyer & Son
420 bgs, O G Innes Corp
50 cs, Stroock & Wittenberg Corp
28 bgs, J Meyer & Son
50 cs, O G Innes Corp
322 bgs, J Meyer & Son
140 bgs, Gillespie-Rogers-Pyatt Co
140 bgs, O G Innes Corp
140 bgs, Gillespie-Rogers-Pyatt Co
210 bgs, O G Innes Corp
50 cs, American Cyanamid & Chem Co
210 bgs, Stroock & Wittenberg Corp
150 cs, G W S Patterson & Co
50 cs, Gillespie-Rogers-Pyatt Co
70 bgs, Stroock & Wittenberg Corp
50 cs, American Cyanamid & Chem Co
70 bgs, Gillespie-Rogers-Pyatt Co
50 cs, O G Innes Corp
840 bgs, American Cyanamid & Chem Co
420 bgs, Stroock & Wittenberg Corp
50 cs, Gillespie-Rogers-Pyatt Co
420 bgs, American Cyanamid & Chem Co
HEMATITE ORE—3,600 tons, Bethlehem Steel Co, Daiquiri
IPECAC ROOT—6 bgs, N Brandon Co, Puerto Limon
14 bgs, Wessel, Duval & Co, Puerto Limon
16 bgs, S B Penick & Co, Rio de Janeiro
KOLA NUTS—5 bgs, Kingston
LAUREL LEAVES—4 bls, P Elbogen Co, Puerto Barrios
LEMON PEEL—10 bbls, W J Bader, Puerto Prince
LICORICE ROOT—13,640 bls, 2,062 tons, MacAndrews & Forbes
LIVER EXTRACT—28 kgs, Lederle Lab, Havana
LOGWOOD—60 tons, American Dyewood Co, Kingston
EXTRACT—120 cks, American Dyewood Co, Kingston
MAGNESIA CHLORIDE—79 bbls, 2,369 lbs, F D Weill, Rio de Janeiro
MAGNESITE ORE—1,018 bgs, Golwynne Chem Co, Havana
MANGANESE ORE—1 bbl, H A Brassert, Puerto Limon
4,500 tons, E J Lavino & Co, Zizagaptam
MANGROVE BARK—3,290 bgs
MARJORAM LEAVES—120 bgs, A Villagram, Arica
MATE—579½ bbls, Instituto Nacional De Mate, Rio de Janeiro
170 bgs, Instituto Nacional De Mate, Rio de Janeiro
MEDICINAL PREPS—3 cs, D C Andrews & Co, Rio de Janeiro
2 cs, Bruno Schredt, Vera Cruz
MICA—63 cs, Wm Brand & Co, Rio Janeiro
14 cs, Ford Radio & Mica Co, Rio Janeiro
139 cs, Eugene Munsell & Co, Rio Janeiro
75 cs, Eugene Munsell & Co, Rio Janeiro
38 cs, Trust Co of North America, Rio Janeiro
11 cs, Aviation Equipment & Export Co, Rio Janeiro
12 cs, Pan-American Trade Development Co, Rio Janeiro
40 cs, Rio de Janeiro
197 cs, F D Pitts Co, Rio de Janeiro
13 cs, Borman Trading Co, Rio de Janeiro
BLOCK—20 cs, Ford Radio & Mica Co
SPLITTINGS—112 cs, Cornelis & Suhr
161 cs, Ford Radio & Mica Co
1,213 cs
MINERAL—22 cs, Watson, Geach & Co, Barranquilla
CONCENTRATES—181 bgs, Grace National Bank, Cartagena
MYROBALANS—725 bgs, Bingham & Co
NUTGALLS—252 bgs, Balfour, Guthrie & Co
54 bgs, E M Sergeant Pulp & Chem Co
OIL, ANISE—7 dms, I R Boody & Co
10 dms, Magnus, Mabee & Reynard
10 dms, Dodge & Olcott Co
10 dms, McKesson & Robbins
5 dms, W J Bush & Co
10 dms, Magnus, Mabee & Reynard
20 dms, McKesson & Robbins
5 dms, General Drug Co
5 dms, J Berlage Co
CAMPHOR—20 dms, The Arles Co
20 dms, Dodge & Olcott Co
CASSIA—3 dms, Ungerer & Co
4 dms, The Arles Co
15 dms, Dodge & Olcott Co
4 dms, Norda Essential Oil & Chem Co
4 dms, W J Bush & Co
5 dms, Dodge & Olcott Co
CASTOR—10 dms, Dye & Chem Co, Rio de Janeiro
124 dms, Charles Williams Assoc, Bahia
247 dms, Tunley & Co, Bahia
95 dms, S C Kaplan, Bahia
252 dms, Bank of London-South America, Bahia
99 dms, Imperial Bank of Canada, Bahia
249 dms, J H Redding, Bahia
124 dms, Charles Williams Assoc, Bahia
101 dms, Tunley & Co, Bahia
51 dms, Pan American Trust Co, Santos
75 dms, Santos
COCONUT — 500 tons, Philippine Refining Corp
52 tons, Philippine Refining Corp
COTTONSEED—575 bbls, Tradesman National Bank Trust Co, Santos
400 tons, Santos
429 tons, Santos
ESSENTIAL—3 dms, Vera Cruz
1 cs, Home & Abroad Trade Co, Rio de Janeiro
3 dms, Dodge & Olcott Co, Vera Cruz
1 cs, Dodge & Olcott, Vera Cruz
2 cs, Vera Cruz
1 cs, Magnus, Mabee & Reynard, Vera Cruz
13 cs, Wells Fargo & Co Express, Vera Cruz
1 cs, J W Lyon, Vera Cruz
4 dms, The Arles Co
6 dms, The Arles Co
EUCALYPTUS—2 dms, C E Griffin Co, Puerto Barrios
FUEL—56,553 bbls, Asiatic Petroleum Corp, Aruba
10,000 bbls, Asiatic Petroleum Corp, Curacao
LINSEED — 1 tin, R Fabien & Co, La Guaira
ORANGE—68 cs, T M Duche & Sons, Rio de Janeiro
48 cs, Dodge & Olcott Co, Rio de Janeiro
4 cs, W J Bush & Co, Rio de Janeiro
10 cs, P R Dreyer, Rio de Janeiro
5 dms, Norda Essential Oil & Chem Co, Rio de Janeiro
51 cs, General Drug Co, Rio de Janeiro
23 cs, T M Duche & Sons, Rio de Janeiro
19 cs, Fritzsche Bros, Rio de Janeiro
9 dms, Albert Verley, Rio de Janeiro
6 dms, Albert Verley, Rio de Janeiro
25 cs, Bank of Manhattan, Santos
2 dms, Bank of Manhattan, Santos
2 crates, Bank of Manhattan, Santos
PEANUT—118 tons, Balfour, Guthrie & Co
112 tons, Balfour, Guthrie & Co
245 tons, Balfour, Guthrie & Co
ORANGE PEEL—8 bbls, W J Bader, Port au Prince
PEPPER—150 bgs, V M Calderon Co, Valparaiso
BLACK—2,100 bgs, Continental Grain Co
700 bgs, Continental Grain Co
PERFUME, SYNTH—37 cs, Rohner, Gehrig & Co
51 cs, Rohner, Gehrig & Co
PIMENTO—100 bgs, Royal Bank of Canada, Kingston
75 bgs, Kingston
75 bgs, S Stern, Stiner & Co, Kingston
100 bgs, Otto Gerdau Co, Kingston
100 bgs, Royal Bank of Canada, Kingston
100 bgs, Frank Tea & Spice Co, Kingston
200 bgs, McCormick & Co, Kingston
44 bgs, L A Champon, Puerto Barrios
PLANT MED—7 bls, C E Griffin Co, Puerto Barrios
QUARTZ—250 cs, L J Buck, Rio de Janeiro
ROCK CRYSTAL—300 cs, American Gem & Pearl Co, Rio de Janeiro
8 cs, Pratt & Brake Co, Rio de Janeiro
13 cs, Milton Snedeker Co, Rio de Janeiro
29 cs, Pan American Trade Development Co, Rio de Janeiro
15 cs, Eugene Munsell & Co, Rio de Janeiro
553 cs, L Buck
13 cs, National City Bank, Bahia
26 cs, National City Bank, Rio de Janeiro
4 cs, Eugene Munsell & Co, Rio de Janeiro
2 cs, Oswaldo Landau, Rio de Janeiro
35 cs, National City Bank, Rio de Janeiro
231 cs, L J Buck, Rio de Janeiro
RUTILE ORE—360 bgs, L J Buck, Rio de Janeiro
SAFFRON FLOWERS—176 bgs, W J Bader, Puerto Prince
SCHEELITE ORE—520 bgs, Philipp Bros, Arica
104 bgs, Buenos Aires
150 dms, Bank of Manhattan, Buenos Aires
SHARK LIVER—20 cs, R Hermandez, Barranquilla
SHELLAC—100 bgs, Wm Zinsser & Co
1,100 bgs, Mac Lac Co
200 bgs, Mac Lac Co
25 bgs, Schwab Bros Corp
450 bgs, Mac Lac Co
1,000 bgs, Mac Lac Co
BUTTON LAC—100 bgs, Wm Zinsser & Co
150 bgs, Ralli Bros
50 bgs, Gillespie-Rogers-Pyatt Co
SEEDLAC—200 bgs, Gillespie-Rogers-Pyatt Co
250 bgs, Brown Bros-Harriman Co
200 bgs, Wm Zinsser & Co
250 bgs, Manthose Corp
320 bgs, Ralli Bros
200 bgs, Ralli Bros
650 bgs, Wm Zinsser & Co
150 bgs, Schwab Bros Corp
200 bgs, Mantrose Corp
200 bgs, Schwab Bros Corp
200 bgs, Mantrose Corp
200 bgs, Schwab Bros Corp
400 bgs, Gillespie-Rogers-Pyatt Co
200 bgs, Wm Zinsser & Co
750 bgs, Mantrose Corp
250 bgs, Brown Bros-Harriman Co
200 bgs, Wm Zinsser & Co
300 bgs, Wm Zinsser & Co,
200 bgs, Gillespie-Rogers-Pyatt Co
200 bgs, Gillespie-Rogers-Pyatt Co
100 bgs, Comm National Bank
SOAP BARK—97 bls, S B Penick & Co, San Antonio
SQUILL—50 bls, Superintendence Co
TALLOW—540 tcs, Armour & Co, Buenos Aires
542 tcs, Buenos Aires
TANKAGE—496 bgs, S Stern, Stiner & Co, Buenos Aires
2,032 bgs, Packers Distributing Co, Buenos Aires
2,240 bgs, Santos
1,120 bgs, Santos
2,240 bgs, Santos
TANTALITE—40 cs, Sussex Trading Corp, Rio de Janeiro
15 cs, Sussex Trading Corp, Rio de Janeiro
21 cs, Sussex Trading Corp, Rio de Janeiro
TONKA BEANS—20 bbls, Guaranty Trust Co, Puerto Cabello
WAX, BEES—60 bgs, American Cyanamid & Chem Co, Rio de Janeiro
80 bgs, Wessel, Duval & Co, Rio de Janeiro
40 bgs, Silvio Gaguine & Co, Rio de Janeiro
47 bgs, W R Grace & Co, Valparaiso
1 cs, Victory Import Corp, Puerto Prince
28 bgs, Puerto Prince
20 bgs, Duncan, Fox & Co, Valparaiso
29 bgs, Havana
13 bgs, Havana
12 bgs, Havana
13 bgs, Havana
8 tons, Credo Commodities Co
OURICURY—63 bgs, Strahl & Pitsch, Bahia
68 bgs, Wessel, Duval & Co, Bahia
63 bgs, American Cyanamid & Chem Co, Bahia
63 bgs, A Hurst & Co, Bahia
55 bgs, Avan Trading Corp, Bahia
VEGETABLE—50 bgs, National City Bank, Bahia
WINE LEES—78 bgs, Standard Brands
WOLFRAM ORE—1,000 bgs, Bank of Manhattan, Antofagasta
200 bgs, Wah Chang Trading Corp, Antofagasta
103 bgs, Buenos Aires
102 bgs, Buenos Aires
ZINC OXIDE—800 bgs, New York & Cuba Mail S S Co, Vera Cruz
1,000 bgs, New York & Cuba Mail S S Co, Vera Cruz

New York Transit Imports

CANARY SEED—424 bgs, Globe Trading Corp, Buenos Aires, Montreal
CASSIA, BROKEN—115 bls, to Montreal
COBALT COPPER RESID—2,300 bgs, Delora Smelting & Refg Co, to Canada
COTTON LINTERS—228 bls, West Texas Cotton Oil Co, Santos, Houston
190 bls, New England Waste Co, Santos, Boston
399 bls, New England Waste Co, Santos, Boston
GRAPHITE — 750 bgs, Superior Flake Graphite Co, Chicago
MANGANESE ORE—3,000 tons, E J Lavino & Co, to Norfolk
2,100 tons, Base Metal Corp, to Baltimore
OIL, COTTONSEED—1,053 dms, National City Bank, Santos, Cleveland
128 tons, West Texas Cotton Oil Co, Santos, Houston
1,082 tons, West Texas Cotton Oil Co, Santos, Houston

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YOU, too, should have your imports listed here for the information of OPD readers—it costs you nothing.
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OIL, COTTONSEED—108 tons, West Texas Cotton Oil Co, Santos, Houston
PEANUT—300 tons, Pacific Vegetable Oil Co, to San Francisco
RAPESEED—85 bgs, Globe Trading Corp, Buenos Aires, Montreal
SESAME SEED—56 bgs, Sprague, Warner & Co, to Chicago
SHELLAC—25 bgs, First National Bank, to Boston
SEEDLAC—100 bgs, The Parks Co, to Boston
200 bgs, The Parks Co, to Boston
100 bgs, The Parks Co, to Boston
SPONGES—2 bls, Havana, to Buenos Aires

Baltimore Imports

CHROME ORE—2,000 tons, Masinloc
IRON ORE—2,600 tons, Bethlehem Steel Co, Rio Janeiro
21,700 tons, Bethlehem Steel Co, Cruz Grande
12,100 tons, Bethlehem Steel Co, Rio Janeiro
3,600 tons, Bethlehem Steel Co, Daiquiri
22,430 tons, Bethlehem Steel Co, Cruz Grande
IRON PYRITES—5,922 tons, Huelva
KYANITE ORE—547 tons, Calcutta
MANGANESE ORE—1,000 tons, Antofagasta
2,000 tons, Calcutta
7,307 tons, Durban
3,900 tons, Calcutta
5,000 tons, Durban
1,800 tons, Manila
7,552 tons, Durban
1,872 tons, Antofagasta
4,020 tons, Coquimbo
OIL, COCONUT—50 dms, Colombo
1,029 tons, Manila
QUEBRACHO EXTRACT—6,100 bgs, Buenos Aires
SESAME SEED—292 bgs, Hongkong

New Orleans Imports

COCONUTS—45 tons, Puerto Cortes

Philadelphia Imports

CANARY SEED—84 bgs, Buenos Aires
847 bgs, Buenos Aires
CHROME ORE—3,900 tons, Nuevitas
2,000 tons, Pagoumene
COCONUTS—348 bgs, Starr Produce Co, San Juan
256 bgs, Edward Freeman, Inc, San Juan
CORK, VIRGIN—19,600 bls, Armstrong Cork Co, Lisbon
WASTE—17,308 bls, Armstrong Cork Co, Lisbon
WOOD—403 bls, Armstrong Cork Co, Lisbon
MOLASSES—424,000 gls, Publicker Co, Vanes
1,261,604 gls, Publicker Co, Manzanillo
OIL—139 dms, Liberty Title & Trust Co, Buenos Aires
78 dms, First National Bank, Buenos Aires
175 dms, Buenos Aires
NEATSFOOT — 27 trcs, Armour & Co, Buenos Aires
55 trcs, Armour & Co, Buenos Aires
69 dms, Swift & Co, Montevideo
PETROLEUM, CRUDE—201,888 bbls, Gulf Oil Corp, Puerto LaCruz
54,586 bbls, Gulf Oil Corp, Las Piedras
264,378 bbls, Atlantic Refining Co, Puerto LaCruz
127,000 bbls, Sinclair Refining Co, Tuxpam
QUEBRACHO EXTRACT—5,965 bgs, Tannin Corp, Buenos Aires
300 bgs, International Products Corp, Buenos Aires
8,100 bgs, Buenos Aires
2,907 bgs, Tannin Corp, Buenos Aires
QUEBRACHO WOOD — 5,347 logs, Tannin Corp, Santa Fe
SODA NITRATE—1,996,400 kilos, Guaranty Trust Co, Tocopilla
453,600 tons, Guaranty Trust Co, Iquique
91,049 bgs, Chilean Nitrate Co, Iquique

U. S. Exports

New Orleans Exports

ACID, MURIATIC—11 tons, Ceiba
STEARIC—8 tons, Tampico; 45 tons, Vera Cruz; 28 tons, Havana
ASPHALT — 56 tons, West Coast South America
BREWERS' REFINED GRITS — 20 tons, Santiago
CALCIUM ARSENATE—15 tons, Cristobal
CARBON, ACTIVATOR—18 tons, Santiago
BISULPHIDE—19 tons, Vera Cruz
MINERAL—32 tons, Puerto Barrios
CELLULOSE FILM—15 tons, Vera Cruz

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CHEMICAL PRODUCTS — 1 ton, Puerto Cabezas
COPRA—28 tons, Barranquilla
FIRECLAY—11 tons, Vera Cruz
GASOLINE—106 tons, Puerto Cabezas; 11 tons, Bluefields; 157 tons, Puerto Cortes; 33 tons, Puerto Barrios
INFUSORIAL EARTH—27 tons, Santiago
KEROSENE—25 tons, Bluefields; 177 tons, Puerto Barrios
LARD—24 tons, Havana; 44 tons, Puerto Limon; 13 tons, Santiago
LIME—300 tons, Ceiba
HYDRATED—341 tons, Tela
NITROCELLULOSE—19 tons, Tampico
OIL, DIESEL — 53 tons, Ceiba; 71 tons, Puerto Cabezas
FUEL—273 tons, Ceiba; 27 tons, Bluefields; 19 tons, Puerto Cortes
LUBRICATING—94 tons, West Coast South America; 18 tons, Puerto Cabezas; 58 tons, Cristobal
LUBRICATING AND GREASE—48 tons, Vera Cruz
PINETAR—32 tons, Vera Cruz
QUEBRACHO EXTRACT — 220 tons, Havana; 29 tons, Vera Cruz
ROSIN—153 tons, Cristobal; 95 tons, Barranquilla; 52 tons, Cartagena
SALT—21 tons, Bluefields; 27 tons, Havana; 23 tons, Belize
SODA CAUSTIC—287 tons, Tampico; 97 tons, Santiago
CYANIDE—33 tons, Puerto Cabezas
SUPERPHOSPHATE—20 tons, Vera Cruz

Philadelphia Exports

ACID, PHOSPHORUS—6 bbls, Buenos Aires; 40 bbls, Santos; 69 dms, Santos
ALUMINA—200 bbls, Buenos Aires
AMYL ACETATE—20 dms, Rio de Janeiro
GREASE—65 dms, Rio de Janeiro; 75 cs, Rio de Janeiro; 20 dms, Santos; 10 bbls, Santos
LICORICE MASS—10 cs, Buenos Aires
OIL, MINERAL—2,513 cs, Rio de Janeiro; 251 bbls, Rio de Janeiro; 893 dms, Rio de Janeiro; 265 dms, Santos; 1,030 bbls, Santos; 3,330 cs, Santos 385 dms, Santos; 750 bbls, Sao Paulo
TANNING MATERIAL — 10 bbls, Buenos Aires

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—1,471 bbls, San Diego; 1,838 bbls, San Diego; 14,952 bbls, San Diego; 2,010 bbls, San Diego; 21,044 bbls, Seattle; 63,998 bbls, Portland; 60,797 bbls, Seattle; 79,557 bbls, San Francisco; 9,504 bbls, Portland; 17,873 bbls, Portland; 14,355 bbls, Portland; 12,768 bbls, Portland; 16,863 bbls, San Diego
OIL, DIESEL—9,150 bbls, Richmond; 1,000 bbls, San Diego; 34,868 bbls, Seattle; 30,419 bbls, Portland; 3,386 bbls, San Francisco; 75,006 bbls, Oleum; 1,831 bbls, Portland
FUEL—22,981 bbls, Richmond; 66,041 bbls, Seattle; 63,769 bbls, Seattle; 48,703 bbls, Seattle; 2,500 bbls, Seattle; 62,500 bbls, Portland; 24,618 bbls, San Diego
FURNACE—9,858 bbls, Portland; 20,115 bbls, Seattle; 2,782 bbls, Portland; 2,189 bbls, San Diego

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended November 18

Almonds, 105 bags; worm-eaten.
Cassia oil, 3 drums; not U.S.P.
Cod oil, 91 casks; restricted use.
Cumin seed, 1,164 bags; dirty.
Ergot, 32 drums; not U.S.P.
Medicinal preparations, 1 parcel; new drug.
Medicinal preparations, 71 cases; false therapeutic claims.
Medicinal preparations, 1 parcel; dangerous drug; false therapeutic claims.
Nutmegs, 165 bags; restricted use.
Savory leaves, 98 bags; not savory leaves.
Shark oil, 2,219 barrels; restricted use.
Stramonium leaves, 207 bales; not U.S.P.
Thyme leaves, 7 bags; dirty.

Baltimore

Two Weeks Ended November 18

Medicinal preparation, 1 package; not properly labeled.
Sesame seed, 692 bags; insect infestation.

Boston

Two Weeks Ended November 8

Cod oil, 400 drums; restricted use.
Medicinal preparation, 1 parcel; not properly labeled.

Denver

Week Ended November 12

Colocynth pulp, 57 bales; not N.F.
Coriander seed, 1,417 bags; filthy.
Cumin seed, 500 bags; filthy.
Egg yolk, 52 cases; decomposed.
Glue stock, 685 bags; restricted use.
Medicinal preparations, 1 parcel; new drug.
Medicinal preparations, 13 cartons; not properly labeled.
Medicinal preparations, 1 parcel; false therapeutic claims.
Nutmegs, 1,725 bags; restricted use.
Sage leaves, 175 bags; excess stems.
Sesame seed, 212 bags; insect infestation.
Shark liver oil, 320 barrels, 28 drums; restricted use.
Stramonium leaves, 11 bales; not U.S.P.
Thyme leaves, 191 bags; dirty.

Denver

Week Ended November 6

Medicinal, 1 piece; false therapeutic claims.

Los Angeles

Week Ended November 6

Pepper, black, 22,360 pounds; decomposed; moldy.

Philadelphia

Week Ended November 18

Medicinal preparation, 1 parcel; dangerous drug; fake therapeutic claims.

San Francisco

Two Weeks Ended November 13

Medicinal, 4,800 pieces; false therapeutic claims.
Medicinal, 120 pieces; filthy—infestation.
Medicinals, 1,920 pieces; false therapeutic claims.

Seattle

Two Weeks Ended November 13

Food flavoring powder, 45 cases; false and misleading statements; omission mandatory labeling.
Medicinals, 152 pieces; false therapeutic claims.
Medicinal, 1 piece; false therapeutic claims.
Orange peel, dried, 500 pounds; filthy.

Iceland Trade Pact To Be Negotiated

—Continued from page 4

The list of products on which the United States will grant concessions to Iceland comprises chiefly prepared fish. Sheepskins also are included, and the following articles would be found on the free list:—

Fish scrap and fish meal of a grade used chiefly for fertilizers, or chiefly as an ingredient in the manufacture of fertilizers.
Cod oil and codliver oil.
Fish scrap and fish meal, unfit for human consumption.

Broad general license provisions applicable to exports from the United States to Iceland under General License G-62 have been extended to Greenland under General License G-61, by the Economic Defense Board, Office of Export Control.

Navicert Filled Quotas List Augmented

The British Ministry of Economic Warfare has announced that quotas have been filled on additional commodities. However, applications for navicerts for these commodities for countries to which the navicert system applies can be filed December 1 for shipment during the first quarter. The commodities added to the filled-quota list are:—

Sweden

Adeps lanae.
Fusel oil.
Rubber, synthetic.

Portuguese Atlantic Islands

Jamaica allspice.
Cassia lignea.
Cummin seed.
Curry powder.
Clove nutmeg.
Gasoline.
Pepper.

Portugal

Cassia lignea.
Iodine.

Spain

Burning oil.
Lubricating oil.

Switzerland

Liquid soap.

Venezuelan Oil Co. Loan Proposed by Consolidated Co.

A special meeting of the stockholders of the Venezuelan Petroleum Company has been called for November 25 to act upon a loan of $6,000,000 from the Consolidated Oil Corporation. Of the proposed loan, $3,000,000 had been advanced prior to October 31, to Venezuelan Petroleum and its wholly owned subsidiary, Compania Consolidated de Petroleo. The Consolidated Oil Corporation owns 79 percent of the outstanding stock of Venezuelan Petroleum.

Fertilizer Ass'n Meeting Discusses Supplies

—Continued from page 3

who do not produce superphosphate were able to buy from their larger competitors within limits which permitted free competition with acidulators, who sold the complete fertilizer.

Group to Work with Gov't

Mr. Milliman announced the appointment of an industry committee which is to be invited to consult with government officials generally, including the Department of Agriculture, on emergency matters affecting fertilizers for next year's crops. The men invited to serve the industry and the government, without compensation for time or travel, are:—

Nitrogen—Sidney B. Haskell, The Barrett Company, New York; J. A. Woods, Chilean Nitrate Sales Corporation, New York.

Phosphate Rock—John T. Burrows, International Agriculture Corporation, Chicago.

Sulphuric Acid—Louis H. Carter, American Agricultural Chemical Company, New York.

Superphosphate—Chester F. Hockley, The Davison Chemical Corp., Baltimore, Md.

Potash—Horace M. Albright, U. S. Potash Company, New York.

Large Fertilizer Companies—John E. Sanford, Armour Fertilizer Works, Atlanta, Ga.

Medium Fertilizer Companies—Oscar F. Smith, Smith-Douglass Company, Norfolk, Va.

Small Fertilizer Companies—John A. Miller, Price Chemical Company, Louisville, Ky.; W. T. Tilghman, Wm. B. Tilghman Company, Salisbury, Md.; C. D. Shallenberger, Shreveport Fertilizer Works, Shreveport, La.; George Cushman, Long Island Produce & Fertilizer Company, Riverhead, Long Island.

For the Pacific Coast—Weller Noble, Pacific Guano Company, Berkeley, Cal.

Cooperatives—M. H. Lockwood, Eastern States Farmers' Exchange, Springfield, Mass., and M. K. Derrick, Indiana Farm Bureau Cooperative Assn., Indianapolis, Ind.

Ex-officio Member—Charles J. Brand, National Fertilizer Association.

Larger Farm Consumption

Reduction in cotton acreage may cause a necessity for improving farm practices, I. W. Duggan, director of the Southern division of the Agricultural Adjustment Administration, told the convention. The use of commercial fertilizer on cotton has shown a steady growth since 1934, in which year, he said, cotton farmers used less than 1,000,000 tons of commercial fertilizer. This year the total runs over 1,150,000 tons, he added.

Livestock production has become a major economic factor in Southern agriculture, Dr. M. P. Jarnagin, head of animal industry at the State College of Agriculture of the University of Georgia, told the meeting. The growth of the animal industry in the South had been gradual and without much publicity, but, he said, the records show that the Southern States received a livestock income in 1940 of $419,415,000, an income from cotton of $306,175,000, and from all other crops $476,755,000. In 1940 Southern packing houses did business amounting to $23,649,314.

Secretary of Agriculture Wickard, Dr. Jarnagin said, had called upon the Southern States to increase dairy and meat products in 1942 as much as 12 percent. The South will do this and more, he added. Every acre brought into use for growing forage and feed crops, Dr. Jarnagin said, provide potential outlets for fertilizer. Pasture, the cornerstone of the livestock industry, he claimed, required fertilizers especially lime and phosphates.

Fertilizers and Defense

The address of Felix Stapleton, of the Office of Price Administration, on "Fertilizer Chemical and National Defense," was not delivered because of the speaker's inability to be present.

Tigert Banquet Speaker

The annual banquet has as its guest speaker Dr. John A. Tigert, president of the University of Florida and former United States Commissioner of Education, who spoke on "Education for Defense in a Changing World." The annual golf tournament was held Tuesday afternoon.

Business Wants and Offers

Minimum rate (up to 36 words), without display, $2.00 per insertion; 25c for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

ESTABLISHED CINCINNATI firm covering part of Ohio would be interested in representing producers of raw materials used in the paint, ink, paper, rubber, soap or other industries. BOX 445, Oil, Paint and Drug Reporter.

NEW YORK JOBBING and importing firm established over twenty years is interested in securing new connections for the sale of raw materials, by-products or chemical specialties. BOX 461, Oil, Paint and Drug Reporter.

AFTER THIS, what? Are you cleaning house? Then let us hold your good will, while the going is tough. Those supplying the paint and rubber trade write us, now, if reliable representation is wanted. Ohio, etc. We'll be here when the mess is over; be here with us! BOX 449, Oil, Paint and Drug Reporter.

Buildings Offered

BRICK BUILDING, one-story, 50x100; concrete floor with drains; high pressure boiler, good light, yard; unrestricted district in Brooklyn. The R. L. Kraft Company, Woolworth Building. Cortlandt 7-9377.

Capital Offered

MEMBER of a Stock Exchange firm is interested as principal in furnishing limited amounts of capital to several established businesses possessing possibilities. Reply in detail—principals only. Box 156, General Post Office, N. Y.

Equipment Offered

FOR SALE: One, Day 12x32 in. 5 roller mill, motor driven; pony mixers 8 to 80 gals.; three, Kent 8 in. lab. stone mills; three, Ross, 26 in. stone mills with iron mill feeds; pebble mills, lab. to 700 gals.; Day jumbo jacketed mixers, 700 and 1,250 gals.; thirty, filter presses, 12 in. to 36 in.; powder mixers, 100 to 2,000 lbs.; W.&P. mixers, lab. to 200 gals.; copper and aluminum kettles, 10 to 250 gals.; dryers; Sweetland filters, etc. Send for complete bulletins. Brill Equipment Corporation, 183 Varick street, New York, N. Y.

FOR SALE:—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE—Hardinge 3 ft. and 6 ft. pebble mills; double 1 gal. jar mill; 18 in. Day mushroom ball mill; Braun UA pulverizer; Shriver filter press—54-30 in. recessed plates; Spencer turbo blower 450 CFM—24 oz. Lawler Company, Metuchen, N. J.

NO WAITING—Copper jacketed vacuum pans 30 in. and 36 in.; copper and aluminum jacketed kettles 50 to 150 gal.; Day 100 to 800 lb. capacity sifters and mixers; 12 in., 18 in. and 30 in. Shriver and Sperry filter presses; stainless steel coil; stainless steel tanks 150, 500 and 2,500 gal.; steel tanks 3,000 to 17,000 gal., etc. Your surplus may help defense industries. Send us your lists. Machinery & Equipment Corporation, 59 E. 4th street, New York City.

Equipment Offered

FOR SALE—Eppenbach No. 1 horizontal colodial mill stainless steel equipped with two A.C. motors equal to new, priced reasonably. Joe Karasik, 50 East 42nd street, New York City.

WE OFFER the following for quick shipment, subject to prior sale, f.o.b. our works, Newark, New Jersey; crating extra; 75 cellarious tourills 1000x600x400 m/m—$5.00 each. Charles Cooper & Co., Inc., 348 Van Buren street, Newark, New Jersey.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to Box 442, Oil, Paint and Drug Reporter.

Materials Offered

JUNIPER BERRIES, in any quantity that you wish; fresh picked or dried. Your inquiries solicited. Glenacres Farm, P. O. Box 17, West Minot, Maine.

Materials Wanted

WILL PURCHASE your surplus and discontinued lots of chemicals, oils, waxes, dyes, intermediates, dry colors, greases, metals and other raw materials and by-products. Also entire plants. Consult inventory and plant superintendent. Barclay Chemical Co., Inc., 75 Varick street, New York. Telephone WAlker 5-4250.

HIGHEST PRICES paid for dirty solvents and lacquer thinners. Let us know what you have. We also reclaim dirty thinner for customers reasonably. Plant located in New England, equipped to render efficient service. No quantity too small nor too large. BOX 457, Oil, Paint and Drug Reporter.

Materials Wanted

HIGHER MARKETS—Sell now. Wanted—Surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Positions Vacant

RECORD MEN—Experienced and assistants. Wax recordists, matrix electroformers, pressmen, compounding and mill room positions open in Northern New Jersey and vicinity of Boston. Written applications only. Poinsettia, Inc., Pitman, N. J.

Positions Wanted

ALL AROUND shader for all kinds of paints, enamels, lacquers. Knowledge of roller mills and general paint plant operations. A-1 reference. Will locate anywhere. Capable of being foreman and getting production. BOX 447, Oil, Paint and Drug Reporter.

SALESMAN paints, varnishes, with many years of practical knowledge and selling ability with large following among the leading jobbers, retail paint stores, contractors, etc., in Brooklyn and Queens, wishes connection with first-class manufacturer. Commission basis. BOX 467, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, Room 811, 60 East 42nd street, New York City.

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Hammer Mills
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Fillers, Vacuum, Syphon, Piston, etc.
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Buffalo Foundry Evaporators
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Packaging Equipment
Rotary Dryers and Kilns
Glass Lined Equipment
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2—Devine 5 ft. by 23 ft. Rotary Vacuum Dryers; other smaller sizes.
1—Oates 10 ft. copper Calandria Pan; other Vacuum Pans, 50 to 500 gals.
12—Ball Mills, 10 gals. to 500 gals.
7—3-Roller Mills, up to 16 by 40.
1—W. & P. Vacuum Mixer, 100 gals.; other W. & P., 2 gals. to 2,000 gals.
1—Stokes 90-C Auto. Tube Filler, Closer, Clipper.
1—Pneumatic Scale Packaging Unit.

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Defense Contracts Recently Awarded

Chemicals, oils, drugs, and related products required in connection with the program for national defense have recently been contracted for by the army and other government agencies as follows:—

Ammonia Anhydrous:—$7,232, Chas. Cooper & Co., Newark, N. J.

Arsenic Trichloride and Drums:—$107,650, Hooker Electrochemical Co., Niagara Falls.

Benzol:—$15,060, Crowley Tar Products Co., New York.

Chemicals:—$4,592, Niagara Smelting Co., Niagara Falls, N. Y.; $18,118, E. I. du Pont de Nemours & Co., Wilmington, Del.; $31,560, Hooker Electrochemical Co., Niagara Falls; $47,514.91, Ohio-Apex, Inc., Nitro, W. Va.; $11,250, Pennsylvania Salt Mfg. Co., Philadelphia; $101,680, Dow Chemical Company, Midland, Mich.; $270,000, Calco Chemical Division, American Cyanamid Co., Bound Brook, N. J.; $65,000, United tStates Rubber Co., Naugatuck Chemical Div., New York; $56,250, Monsanto Chemical Co., Organic Chemical Div., St. Louis; $202,500, United States Rubber Co., Naugatuck Chemical Div., New York; $56,000, National Aniline & Chemical Co., New York.

Ethyl Alcohol:—$10,200, E. I. du Pont de Nemours & Co., Wilmington, Del.

Soda Lime:—$13,696.78, Dewey & Almy Chemical Co., Cambridge, Mass.

Zinc Dust:—$6,000, American Smelting & Refining Co., Fed. Metals Div., New York; $7,280, New Jersey Zinc Sales Co., New York.

Army Air Corps

Caustic Soda:—$13,750, Pittsburgh Plate Glass Co., Columbia Chemical Div., New York.

Dope, Lacquer and Paint:—$46,983.20, Titanine, Inc., Union City, N. J.; $59,166, W. P. Fuller & Co., Los Angeles; $180,008, Grand Rapids Varnish Corp., Grand Rapids, Mich.; $51,476.36, Beckwith-Chandler Co., Newark, N. J.; $6,009, Amsco Products Co., Cincinnati; $14,669.13, Thresher Varnish Co.; $21,778.88, Andrew Brown Company, Los Angeles.

Ethylene Glycol:—$213,028.20, Dow Chemical Company, Midland, Mich.

Fire Extinguisher Liquid:—$23,065, R. M. Hollingshead Corporation, Camden, N. J.

Hydrogen:—$89,400, Humko Co., Memphis, Tenn.

Ice Preventive:—$35,250, R. M. Hollingshead Co., Camden, N. J.

Trichlorethylene:—$42,047.56, E. I. du Pont de Nemours & Co., Wilmington, Del.

Exporters Urged to Fill South American Orders

The necessity of providing South America with its full requirements of essential materials in order to maintain an uninterrupted flow of critical and stratgic materials moving to this country was stressed November 18 by Lieut. Col. R. B. Lord, assistant director of the Economic Defense Board at a luncheon meeting of the Export Managers Club in the Hotel Pennsylvania.

Unless manufacturers in this country meet South America's legitimate demand for essential requirements, the Latin nations may curtail their exports to us, Colonel Lord said, and thus we would lose the spirit of cooperation which now exists. He also scored the practice of charging South American buyers exorbitant prices.

Colonel Lord disclosed that the Office of Production management had been requested to permit a blanket priority regulation which would give Latin-American nations the same rights with regard to supplies for utility and communication companies, repairs and maintenance, as are now enjoyed by American concerns.

Erie Hardware Division of the McDougall-Butler Company, Buffalo, was damaged to the extent of $75,000 by fire last week.

Index to Advertisements

Acme Steel Drum Co. —
Advance Solvents & Chemical Corp. 40
Alabama Charcoal Co. —
Alexander, Jerome 58
Alkydol Laboratories, Inc. —
Allied Asphalt & Mineral Corp. —
American Agricultural Chemical Co. 1
American British Chem. Supplies, Inc. —
American Can Co. 27
American Cyanamid & Chemical Corp. 6
American Firstoline Corp. 48
American Flange & Mfg. Co. —
American Potash & Chemical Corp. 52
Anderson-Prichard Oil Corp. —
Apex Chemical Co., Inc. 52
Association of Consulting Chemists and Chemical Engineers, Inc. 58
Atlantic Coast Fisheries Co. 51
Atlantic Refining Co. —
Atlas Powder Co. —

Baker, J. T., Chemical Co. 1
Barber Asphalt Co. 44
Barium & Chemicals, Inc. 34
Barium Reduction Corp. 30
Barrett Company 36, 59
Bayonne Company, Inc. 55
Bemis Bro. Bag Co. —
Benzol Products Co. —
Berk, F. W., & Co., Inc. —
Binney & Smith Co. —
Brighton Copper Works —
Brode Corp., The 47
Bromund, E. A., Co. —
Bureau of Chemistry 58
Burke, Edw. S. —
Bush Pan-America, Ltd. —
Bush, W. J., & Co., Inc. —

Calco Chemical Division 48
Calif. Fruit Growers Exchange 18, 63
Capital City Products Co. —
Carbide & Carbon Chemicals Corp. 2
Carey, The Philip, Co. —
Chemical Solvents, C.P., Inc. 64
Church & Dwight Co. 30
Colgate-Palmolive-Peet Co. 51
Colledge, E. W., General Sales Agent. —
Colton, Arthur, Co. 44
Columbia Chemical Division —
Commercial Solvents Corp. —
Consolidated Products Co., Inc. 62
Consumers Import Co., Inc. 64
Continental Can Co. —
Coupe, Robert A. 34
Cowles Detergent Co. —
Crown Can Co. 11

Darling & Co. 47
Day Chemical Co. 58
Desert Chemical Company —
Diamond Alkali Co. 31
Dickhart, W. H. 58
Dodge & Olcott Co. —
Doggett, Stanley, Inc. —
Dorward & Sons Co. —
Douglass Sulphur Co. 34
Dow Chemical Co. —
Dunkel, Paul A., & Co., Inc. 54
Du Pont de Nemours, E. I., & Co., Inc. 48
Dures Plastics & Chemicals, Inc. —

Eastman Kodak Co. —
Eelsingh & Lugtigheid 50
Ehrlich, J. 58
Ellis-Foster Co. 58
Emery Industries, Inc. 45
Enequist Chemical Co. 34

Faesy & Besthoff, Inc. 64
Felton Chemical Co., Inc. 56
Fezandie & Sperrle 39
First Machinery Corp. 62
Food Research Laboratories, Inc. 58
Frank-Vliet Co., Inc. —
Franks Chemical Products Co. 44
Freeport Sulphur Co. —
Fritzsche Bros., Inc. 35, 54
Fulton Bag & Cotton Mills 40

Gartenberg, H., & Co. 39
General Drug Co. 19
General Electric Co. —
Gesell, R., Inc. —
Givaudan-Delawanna, Inc. —
Golwynne Chemical Corp. 23
Gray, William S., & Co. 1
Gray Industrial Laboratories 58
Greeff, R. W., & Co., Inc. 51
Griffin Chemical Co. 52
Gross, A., & Co. 45
Gruman, J. B., Co. 60

Hallowell, Horace J. 58
Hardesty, W. C., Co., Inc. —
Harshaw Chemical Co. —
Heekin Can Co. —
Heyden Chemical Co. 49
Holt, C. J., Co., Inc. 58
Hooker Electrochemical Co. 15
Hopkins, J. L., & Co. 58
House of Wallace —
Huisking, Chas. L., & Co. —
Hutchinson, D. W., & Co., Inc. 55

Imperial Paper & Color Corp. 43
Independent Mfg. Co. —
Industrial Consulting Labs., Inc. 58
Inland Alkaloid Co. 50
Innis, Speiden & Co. —
International Pulp Co. —
International Selling Corp. —
Irvington Smelting & Refining Works. 30

Jackle, Frank R. —
Jones & Laughlin Steel Corp. 38
Jungmann & Co., Inc. —

Kachurin Drug Co. —
Kelco Co. 53
Kentucky Color & Chemical Co. 44
Kessler Chemical Co., Inc. —
Keystone Drum Company 57
Khosrovschahi, Morteza 54
Knight, B. H. 58
Koppers Company 37
Krebs Pigment & Color Corp. —

Laning, E. M., Co. 58
LaWall & Harrisson 58
Leghorn Trading Co. 50
Lemke, B. L., Fine & Rare Chemicals. —
Leonhard, Theodor, Wax Co., Inc. —
Lewistown Corporation Laboratories. —
Lueders, George, & Co. 55

Magnetic Pigment Co. —
Magnus, Mabee & Reynard, Inc. 43, 54, 55
Mallinckrodt Chemical Works 8
Mann, F. J., Inc. —
Mantrose Corp. —
Marine Magnesium Products Corp. 35
Mathieson Alkali Works, Inc. —
McKesson & Robbins, Inc. —
Menhaden Fish Products Co. 45
Mercantile Import & Export Corp. —
Merck & Co., Inc. 32, 33
Metasap Chemical Co. —
Meyer, Herman, Drug Co., Inc. —
Michigan Alkali Co. —
Millmaster Chemical Co. —
Mills, Zophar, Inc. 44
Minnesota Specialty Co. —
Molnar Laboratories 58
Monsanto Chemical Co. —
Munch, James C. 58
Mutual Chemical Co. of America 39

National Aniline & Chemical Co., Inc. —
National Box & Lumber Co. 35
National Can Corp. —
National Lead Co. 34
National Milk Sugar Co. 50
National Rosin Oil & Size Co. 44
Natural Products Refining Co. 39
Neuberg Chemical Corp. 50
Neville Co. —
Newark Steel Drum Co. 35
New Jersey Zinc Co. 42
N. Y. Quinine & Chemical Works, Inc. —
Niacet Chemicals Corp. —
Niagara Alkali Corp. —

Oil States Petroleum Co., Inc. —
Oldbury Electro-Chemical Co. 35
Orbis Products Corp. 50
Orthmann Laboratories, Inc. 58
Osborn, C. J., Co. —

Pacific Alkali Co. —
Pacific Coast Borax Co. 1
Pacific Vegetable Oil Corp. —
Paramet Chemical Corp. 41
Parsons, M. W. 51
Penick, S. B., & Co. 52
Pennsylvania Coal Products Corp. —
Pennsylvania Industrial Chem. Corp. 43
Pennsylvania Refining Corp. 57
Pennsylvania Salt Mfg. Co. 22
Pfaltz & Bauer, Inc. —
Pfizer, Chas., & Co., Inc. 29
Phelps Dodge Refining Co. —
Philadelphia Quartz Co. —
Philipp Brothers, Inc. 30
Phosphate Mining Co. 30
Pittsburgh Plate Glass Co. —
Pittsburgh Steel Drum Co. 57
Polachek, Z. H. 58
Potash Co. of America 39
Prentiss, R. J., & Co. 54
Prior Chemical Corp. 1
Procter & Gamble 45, 50
Publicker Commercial Alcohol Co. —
Purdy, W. S., Co., Inc. 58
Pure Calcium Products Div. 1
Purocaine Chemical Co. —

Raisch, John E., & Co. 58
Reed-Blair Laboratories 58
Reichhold Chemicals, Inc. 17
Reinhold Publishing Corp. 21
Republic Chemical Co. 64
Republic Steel Corp. 38
Rheem Mfg. Co. —
Robinson-Wagner Co. —
Rosenthal, H. H., Co., Inc. 51
Rufert Chemical Co. 23
Sadtler, Samuel P., Son, Inc. 58
St. John, H. W., Company 61
St. Joseph Lead Co. —
Schuylkill Chemical Co. 48
Schwarz Laboratories, Inc. 58
Seil, Putt & Rusby, Inc. 58
Seydel Chemical Co. 51
Sharples Chemicals, Inc. 64
Sheffield Bronze & Powder Co. —
Shell Oil Co. —
Sherwood Refining Co., Inc. 57
Silzle, E. A., Corp. 55
Skelly Oil Co. —
Smith, Kline & French Labs. —
Snell, Foster D., Inc. 58
Socony-Vacuum Oil Co., Inc. 40
Solvay Sales Corp. 25
Sonneborn, L., Sons, Inc. —
Southern Acid & Sulphur Co., Inc. —
Sparkler Mfg. Co. —
Standard Alcohol Co. 44
Standard Brands, Inc. —
Standard Oil Co. of Calif. —
Standard Specialty & Tube Co. 51
Standard Synthetics, Inc. —
Standard Ultramarine Co. 43
Stauffer Chemical Co. 24
Stillman & Van Siclen, Inc. 58
Stillwell & Gladding 58
Stroock & Wittenberg Corp. —
Sun Oil Co. —

Taintor Trading Co., Inc. 43
Tamms Silica Co., Inc. 43
Tar & Chemical Div. of Koppers Co. 37
Tar Residuals, Ltd. 38
Tennessee Corp. —
Texas Gulf Sulphur Co., Inc. —
Thompson-Hayward Chemical Co. —
Thornton, The F. C., Co. —
Thurston & Braidich 54
Titanium Pigment Corp. —
Todd, A. M., Co. 56
Tombarel Products Corp. 55
Truesdail Laboratories, Inc. 58
Turner, Joseph, & Co. 44

Union Carbide & Carbon Corp. 2
U. S. Industrial Chemicals, Inc. 41
United States Potash Co. 50
Universal Trading Corp. 47

Vanderbilt, R. T., & Co., Inc. —
Van Schaack Chemical Works, Inc. 55
Velsicol Corporation —
Victor Chemical Works 34
Viking Distributing Co. 46
Vitro Mfg. Co. —
Vol-U-Meter Co. —

Wah Chang Trading Corp. 45
Warner Chemical Co. —
Weil, Rene 34
Weiss & Downs, Inc. 58
Wet Ground Mica Assn., Inc. 40
White Tar Co. of N. J. 37
Wiley & Co., Inc. 58
Will & Baumer Candle Co., Inc. 47
Williams, C. K., & Co. —
Wilson Carbon Co. —
Wilson-Martin Division 46
Wishnick-Tumpeer, Inc. 13
Woburn Degreasing Co. of N. J. 46
Wolf, Jacques, & Co. —
Wood Preserving Corp. 37
Wood Ridge Division —

Zinsser & Co., Inc. 34
Zophar Mills, Inc. 44

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